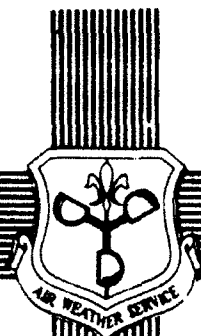


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USAFETAC/DS--92/29

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SURFACE OBSERVATION CLIMATIC SUMMARIES

for

VANCE AFB, OKLAHOMA



Prepared by

OL-A, USAFETAC
ASHEVILLE, NORTH CAROLINA
28801-2723

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SEPTEMBER 1992

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14 JAN 1993

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- 12A. DISTRIBUTION/AVAILABILITY STATEMENT: APPROVED FOR PUBLIC RELEASE, DISTRIBUTION IS UNLIMITED.
13. ABSTRACT: SURFACE OBSERVATION CLIMATIC SUMMARIES (SOCS) PROVIDE STATISTICAL CLIMATIC SUMMARIES OF SURFACE WEATHER OBSERVATIONS TAKEN AND RECORDED AT SPECIFIED USAF, CIVILIAN AND FOREIGN OBSERVING STATIONS. HOURLY OBSERVATIONS ARE SUMMARIZED FROM A 10-YEAR PERIOD OF RECORD (POR). "SUMMARY OF DAY" (SOD) INFORMATION IS SUMMARIZED FROM ALL AVAILABLE DATA IN THE OL-A, USAFETAC CLIMATIC DATABASE.
14. SUBJECT TERMS: CLIMATOLOGY, METEOROLOGICAL DATA, ATMOSPHERIC PHENOMENA, WEATHER, SOCS, VANCE AFB, OKLAHOMA, CEILING, CLOUD COVER, SNOW DEPTH, HUMIDITY, PRESSURE, PRECIPITATION, SNOW TEMPERATURE, VISIBILITY, WIND.
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PREFACE

EFFECTIVE 1 JULY 1988, THE SURFACE OBSERVATION CLIMATIC SUMMARIES (SOCS) REPLACED TWO OTHER USAFETAC PRODUCTS OF LONG STANDING: THE RUSSWO (REVISED UNIFORM SUMMARY OF SURFACE WEATHER OBSERVATIONS) AND LISOCS (LIMITED SURFACE OBSERVATION CLIMATIC SUMMARY). RUSSWOS AND LISOCS NOW IN EXISTENCE WILL CONTINUE TO BE USED UNTIL THEY ARE EVENTUALLY REPLACED BY SOCS.

THIS PRODUCT HAS BEEN ISSUED IN OTHER FORMS UNDER SEVERAL OTHER NAMES. IT WAS INTRODUCED IN THE EARLY 1940'S AS THE "SFCSUM," OR "SURFACE SUMMARY." THE ORIGINAL "USSWO," OR "UNIFORM SUMMARY OF SURFACE WEATHER OBSERVATIONS," DEBUTED IN 1946. THE USSWO GRADUALLY EVOLVED INTO THE "RUSSWO" AND THE "LISOCS." IT FINALLY BECAME THE NEW "SURFACE OBSERVATION CLIMATIC SUMMARIES" OR "SOCS" IN JULY 1988.

THE SOCS (LIKE ITS PREDECESSORS) IS PREPARED BY USAFETAC'S OPERATING LOCATION A AT ASHEVILLE, NC 28801-2723. HERE, CLIMATOLOGISTS USE STATE-OF-THE-ART COMPUTER TECHNOLOGY TO SUMMARIZE WEATHER OBSERVATIONS COLLECTED FROM SELECTED MILITARY, CIVILIAN, AND FOREIGN REPORTING STATIONS. SUMMARIES ARE PREPARED FROM DATA THAT HAS BEEN COLLECTED, QUALITY-CONTROLLED, AND STORED IN OL-A'S WORLDWIDE SURFACE WEATHER OBSERVATION DATABASE.

ALTHOUGH PREVIOUS VERSIONS OF THIS PRODUCT ONLY OFFERED SIX PARTS, SOCS PROVIDES EIGHT (A-H). THE ADDITIONS ARE THE CROSSWIND AND HEATING-COOLING DEGREE DAY SUMMARIES. PRECEDING EACH PART IS A BRIEF DISCUSSION OF THAT PARTICULAR PART, A DESCRIPTION OF THE DATA, AND AN EXPLANATION OF HOW THE DATA IS PRESENTED.

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*** NOTE: THE AWS CLIMATIC BRIEF IS ATTACHED AT THE END OF THE SOCS ***

INTRODUCTION

STATION PERIOD OF RECORD.

HOURLY DATA: JAN 82 - DEC 91 (AIRWAYS).

SUMMARY OF DAY DATA: JAN 42 - OCT 60, DEC 65 - OCT 91 (FULL TIME).

SUMMARY OF DAY DATA: NOV 60 - NOV 65 (PART TIME).

HOURS SUMMARIZED: 0000 LST THROUGH 2300 LST.

DATA SOURCES. THESE SUMMARIES ARE COMPILED FROM "HOURLY OBSERVATIONS" AND/OR SUMMARY OF DAY DATA," DEPENDING ON THE PHENOMENA OR OCCURRENCE BEING SUMMARIZED. THE TWO SOURCES ARE DEFINED IN "TERMS EXPLAINED."

TERMS EXPLAINED:

BIVARIATE DISTRIBUTION: A BIVARIATE DISTRIBUTION GIVES THE JOINT DISTRIBUTIONS OF TWO RELATED VARIABLES. AN EXAMPLE IS THE BIVARIATE DISTRIBUTION OF CEILING AND VISIBILITIES IN PART D. EACH ROW AND EACH COLUMN OF A BIVARIATE DISTRIBUTION IS A FREQUENCY DISTRIBUTION. JOINT FREQUENCIES ARE FOUND AT THE ROW-COLUMN INTERSECTIONS.

HOURLY OBSERVATIONS: ALL RECORD OR RECORD-SPECIAL OBSERVATIONS ON AWS FORMS 10/10A (OR EQUIVALENT) AT SCHEDULED HOURLY INTERVALS.

SUMMARY OF DAY (SOD) DATA: DATA COMPILED FROM ALL AVAILABLE OBSERVATIONAL SOURCES, INCLUDING HOURLY OBSERVATIONS, SPECIAL OBSERVATIONS, REMARKS, AND ACTUAL "SUMMARY OF DAY" DATA RECORDED IN COLUMNS 44-73 OF AWS FORMS 10/10A (OR EQUIVALENT) FOR ANY GIVEN DAY. NOTE: EXTREMES OCCURRING DURING NON-OPERATIONAL HOURS AND/OR DAYS ARE NOT REFLECTED IN THESE SUMMARIES.

MEAN: THE SUM OF ALL THE VALUES DIVIDED BY THE NUMBER OF VALUES.

MEASURABLE AMOUNT: ANY PRECIPITATION OR SNOWFALL AMOUNT GREATER THAN A TRACE.

MEDIAN: THE MIDDLE VALUE WHEN THE VALUES ARE IN ASCENDING ORDER. IF THE NUMBER OF VALUES IS EVEN, THE MEDIAN IS HALFWAY BETWEEN THE TWO MIDDLE VALUES.

PERCENT OCCURRENCE FREQUENCY (POF): IN STATISTICS, FREQUENCY IS THE NUMBER OF TIMES A GIVEN COUNT OR EVENT OCCURS. IN THE SOCS, THIS IS EXPRESSED AS THE PERCENT OCCURRENCE FREQUENCY (POF), WHERE THE FREQUENCY (NUMBER OF OCCURRENCES) IS GIVEN AS A PERCENT OF ALL POSSIBLE OCCURRENCES IN THE SAMPLE (PERIOD SUMMARIZED). FOR EXAMPLE, IF SNOW FELL ON 5 OUT OF 100 DAYS WE COULD EXPRESS THE "PERCENT OCCURRENCE FREQUENCY" OF SNOW AS 5 PERCENT OVER THE 100-DAY PERIOD. MAY BE USED INTERCHANGEABLY WITH "PERCENT FREQUENCY OF OCCURRENCE."

PERIOD OF RECORD: THE SIZE OF THE OBSERVATIONAL DATA SAMPLE, IN YEARS.

PRECIPITATION: A TERM THAT INCLUDES BOTH LIQUID PRECIPITATION AND WATER EQUIVALENT.

STANDARD DEVIATION: A MEASURE OF DISPERSION ON THE VARIABILITY OF THE QUANTITY CONCERNED ABOUT ITS ARITHMETIC MEAN. THE LARGER THE STANDARD DEVIATION, THE GREATER THE VARIABILITY.

TIME CONVENTIONS: ALL TIMES IN THE SOCS ARE EXPRESSED IN LOCAL STANDARD TIME (LST). USERS SHOULD MAKE ADJUSTMENTS FOR DAYLIGHT SAVING TIMES IN THEIR AREAS. IN SUMMARIES THAT SHOW DIURNAL VARIATIONS, THE DATA IS SUMMARIZED USING THE FOLLOWING STANDARD 3-HOUR PERIODS (ALL LST):

0000-0200	1200-1400
0300-0500	1500-1700
0600-0800	1800-2000
0900-1100	2100-2300

NOTE 1. DURING PART TIME PERIODS, THE FIRST AND LAST 3-HOUR PERIODS MAY HAVE SIGNIFICANT SHORTFALLS IN OBSERVATION COUNTS.

ABBREVIATIONS USED:

AMT	AMOUNT	LT	LESS THAN
ANN	ANNUAL	M	METER
BARO	BAROMETER	MB	MILLIBAR
C	CENTIGRADE (CELSIUS)	MPS	METERS PER SECOND
DEG	DEGREE	MSL	MEAN SEA LEVEL
DB	DRY BULB TEMPERATURE	MEAS	MEASURABLE
DP	DEW POINT TEMPERATURE	NO.	NUMBER
EQ	EQUAL	OBS	OBSERVATION
F	FAHRENHEIT	OBST	OBSTRUCTION
FRZG	FREEZING	POF	PERCENT OCCURRENCE FREQUENCY
FT	FEET	PRECIP	PRECIPITATION
GE	GREATER THAN OR EQUAL TO	SD	STANDARD DEVIATION
GMT	GREENWICH MEAN TIME	SOD	SUMMARY OF DAY
GT	GREATER THAN	TEMP	TEMPERATURE
HG	INCHES OF MERCURY	TSTM	THUNDERSTORM
HT	HEIGHT	VSBY	VISIBILITY
KTS	KNOTS	VSN	VISION
LE	LESS THAN OR EQUAL TO	WB	WET BULB TEMPERATURE
LST	LOCAL STANDARD TIME	WBAN	AWS FORM 10/10A
		UTC	*COORDINATED UNIVERSAL TIME

SUMMARY DESCRIPTION: A BRIEF DESCRIPTION OF THE DATA PRECEDES EACH PART IN THE SOCS.

* UTC REPLACED GMT ON 1 AUGUST 1988

NOTE: OL-A/USAFETAC DERIVES STATION LATITUDE/LONGITUDE COORDINATES AND AIRFIELD ELEVATION DATA FROM THE AWS MASTER STATION CATALOG. THIS INFORMATION IS PRESENTED ON THE AWS CLIMATIC BRIEF FOR EACH STATION. THE STATION DATA MAY DIFFER FROM INFORMATION CONTAINED IN THE SOCS STATION HISTORY (DATA SUPPLIED BY AWS UNITS). THE STATION DATA MAY ALSO VARY FROM DATA PRESENTED IN DOD FLIGHT INFORMATION PUBLICATIONS (FLIP).

STATION NO. ON SUMMARY	STATION NAME	LATITUDE	LONGITUDE	FLD ELEV (FT)	CALL SIGN	WMO NMBR
723535	VANCE AFB/ENID, OK	N 36 20	W 097 54	1307	END	

STATION LOCATION AND INSTRUMENTATION HISTORY									
Nbr of Loc	GEOGRAPHICAL LOCATION & NAME	Type of Station	At This Location		LATITUDE	LONGITUDE	Elev Above MSL		OBS PER DAY
			From	To			FLD (FT)	BARO (FT)	
1	Enid Field, OK	AAF	Jan 42	Dec 43	N 36 20	W 097 50	1281	1290	24
2	Same	Same	Jan 44	Jan 47	Same	Same	Same	1293	24
3	Vance AFB/Enid, OK	AFB	Oct 48	Sep 49	N 36 21	W 097 55	1280	1287	24
4	Same	Same	Oct 49	Feb 51	N 36 20	W 097 54	Same	Same	24
5	Same	Same	Mar 51	Feb 56	Same	W 097 55	1307	1300	24
6	Same	Same	Mar 56	Oct 60	Same	Same	Same	1287	24
7	Same	Same	Nov 60	Dec 74	Same	Same	Same	Same	16
8	Same	Same	Jan 75	Dec 83	Same	Same	Same	Same	24
9	Same	Same	Jan 84	Dec 87	Same	W 097 55	Same	Same	24
10	Same	Same	Jan 88	Jan 89	Same	W 097 54	Same	Same	24

Nbr of Loc	Date of Change	SURFACE WIND EQUIPMENT INFORMATION				REMARKS, ADDITIONAL EQUIP- MENT, OR REASON FOR CHANGE
		LOCATION	TYPE OF TRANSMITTER	TYPE OF RECORDER	HT ABOVE GROUND	
1	Jan 42	SE corner of Bldg 81	Anemometer	None	35 ft	
2	Sep 43	Same	Selsyn	ML-144	Same	
3	Oct 48	Atop BaseOps Bldg	Same	Same	38 ft	
4	Feb 59	1850' WSW of wea stn	AN/GHQ-11	RO-2	13 ft	
5	Apr 68	580' NE ctrln rwy 35C	Same	Same	Same	
6	Jan 71	Same	AN/GHQ-20	RO-362	Same	
7	Jan 88	Same	Same	Same	16 ft	

PPPPPPPP	AAAAAA	RRRRRRR	TTTTTTTTT	AAAAAA
PPPPPPPP	AAAAAAA	RRRRRRRR	TTTTTTTTT	AAAAAAA
PP PP	AA AA	RR RR	TT	AA AA
PP PP	AA AA	RR RR	TT	AA AA
PPPPPPPP	AA AA	RRRRRRRR	TT	AA AA
PPPPPPPP	AAAAAAAAA	RRRRRRRR	TT	AAAAAAAAA
PP	AAAAAAAAA	RR RR	TT	AAAAAAAAA
PP	AA AA	RR RR	TT	AA AA
PP	AA AA	RR RR	TT	AA AA
PP	AA AA	RR RR	TT	AA AA

A - 1 - 1

PART A

ATMOSPHERIC PHENOMENA SUMMARIES

THIS PART SUMMARIZES SPECIFIED ATMOSPHERIC PHENOMENA IN CATEGORIES AS FOLLOWS:

THUNDERSTORMS: ALL REPORTED OCCURRENCES OF THUNDERSTORMS, TORNADOES, AND WATERSPOUTS.

LIQUID PRECIPITATION: RAIN OR DRIZZLE FALLING TO THE GROUND BUT NOT FREEZING.

FREEZING PRECIPITATION: FREEZING RAIN OR FREEZING DRIZZLE (GLAZE).

FROZEN PRECIPITATION: SNOW, SNOW PELLETS, SLEET, SNOW GRAINS, ICE CRYSTALS, ICE PELLETS. IN JANUARY 1968, SNOW PELLETS BECAME KNOWN AS SMALL HAIL.

HAIL: ALL OCCURRENCES OF HAIL.

ALL PRECIPITATION: INCLUDES ALL OBSERVATIONS REPORTING PRECIPITATION. BECAUSE MORE THAN ONE TYPE OF PRECIPITATION MAY BE INCLUDED IN THE SAME OBSERVATION, THE SUM OF PERCENTAGES IN THE INDIVIDUAL CATEGORIES MAY EXCEED THE PERCENTAGES IN THIS CATEGORY.

FOG: INCLUDES ALL REPORTED FOG, ICE FOG, AND GROUND FOG.

SMOKE AND/OR HAZE: SMOKE, HAZE, OR COMBINATIONS OF THE TWO.

BLOWING SNOW: ALL REPORTS OF BLOWING SNOW, INCLUDING DRIFTING SNOW, WHEN REPORTED.

DUST AND/OR SAND: DUST, SAND, BLOWING DUST, BLOWING SAND, OR COMBINATIONS OF THESE.

BLOWING SPRAY: THE "ALL OBSTRUCTIONS TO VISION" CATEGORY ACCOUNTS FOR BLOWING SPRAY, IF AND AS REPORTED.

ALL OBSTRUCTIONS TO VISION: THIS CATEGORY INCLUDES ALL REPORTS OF OBSTRUCTIONS TO VISION. SINCE THE OCCURRENCE OF MORE THAN ONE OBSTRUCTION TO VISION MAY BE REPORTED IN THE SAME OBSERVATION, THE SUM OF THE PERCENTAGES IN THE INDIVIDUAL CATEGORIES MAY EXCEED THE PERCENTAGES IN THIS CATEGORY.

SPECIFIED PHENOMENA--PERCENT OCCURRENCE FREQUENCY.

THESE TABLES GIVE THE PERCENT OCCURRENCE FREQUENCY (POF) FOR THE ATMOSPHERIC PHENOMENA SHOWN. THE DATA WAS TAKEN FROM HOURLY OBSERVATIONS ONLY, AND IS SUMMARIZED AS FOLLOWS:

- BY EIGHT 3-HOUR STANDARD TIME PERIODS FOR EACH MONTH (ALL YEARS COMBINED).
- BY MONTH (ALL YEARS AND ALL HOURS COMBINED).
- BY YEAR (ALL YEARS AND ALL HOURS COMBINED).

SPECIFIED PHENOMENA--PERCENT OCCURRENCE FREQUENCY (POF).

THIS TABLE IS THE ONLY ONE IN PART A THAT IS PRODUCED FROM SUMMARY OF DAY DATA. DATA IS SUMMARIZED MONTHLY AND ANNUALLY FOR ALL YEARS COMBINED.

THUNDERSTORMS--PERCENT OCCURRENCE FREQUENCY.

THIS TABLE GIVES THE PERCENT OCCURRENCE FREQUENCY OF THUNDERSTORMS REPORTED ON THE HOURLY OBSERVATION. DATA IS SUMMARIZED SAME AS FOR FIRST TABLE IN THIS PART.

SPECIFIED PHENOMENA VS WIND DIRECTION--PERCENT OCCURRENCE FREQUENCY.

THESE TABLES INCLUDE SUMMARY OF MONTH FOR ALL HOURS AND YEARS COMBINED. WIND DIRECTION CATEGORIES ARE AS SPECIFIED BY THE LOCAL WEATHER STATION.

NOTE 1: REPORTING PRACTICES HAVE CHANGED WITH TIME. METAR AND SYNOPTIC REPORTING STATIONS RECORD (ON AWS FORMS 10/10A) AND TRANSMIT LONGLINE ONLY THE HIGHEST ORDER ATMOSPHERIC PHENOMENA THAT AFFECTS VISIBILITY. METAR STATIONS STARTED THIS PROCEDURE IN JANUARY 1968, BUT SYNOPTIC STATIONS ALWAYS DID IT THAT WAY. IN JANUARY 1970, METAR STATIONS STARTED RECORDING ALL ATMOSPHERIC PHENOMENA THAT AFFECTED VISIBILITY, BUT CONTINUED TO TRANSMIT ONLY THE HIGHEST ORDER. FOR EXAMPLE, IF THE RECORDED OBSERVATION INCLUDED RAIN, FOG AND HAZE, ONLY THE RAIN WAS TRANSMITTED. BECAUSE OF THESE PROCEDURES, THE USAFETAC DATABASE WOULD SHOW ONLY RAIN AS AN OBSTRUCTION. THEREFORE, THE OBSTRUCTION TO VISION (AND TO A LESSER EXTENT, PRECIPITATION) SUMMARIES FOR METAR AND SYNOPTIC STATIONS ARE HIGHLY QUESTIONABLE.

NOTE 2: FOREIGN METAR REPORTING STATIONS FREQUENTLY DO NOT TRANSMIT OBSTRUCTIONS TO VISION WHEN VISIBILITIES EXCEED 1000 METERS.

NOTE 3: A VALUE OF ".0" IN ANY SUMMARY REPRESENTS ONE OR MORE OCCURRENCES THAT, IN AGGREGATE, AMOUNT TO LESS THAN .05 PERCENT.

NOTE 4: DURING PART TIME PERIODS, THESE TABLES MAY NOT ACCURATELY REFLECT NIGHTTIME AND/OR WEEKEND OCCURRENCES OF CERTAIN PHENOMENA.

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF HOURS WITH VARIOUS ATMOSPHERIC PHENOMENA
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723535

STATION NAME: VANCE AFB OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: JAN

HOURS (LST)	TSIME	LIQUID PRECIP	FREEZ PRECIP	FROZEN PRECIP	HAIL	ALL PRECIP	FOG	SMOKE &/OR HAZE	BLOWING SNOW	DUST &/OR SAND	ALL OBST TO VSM	TOTAL NO. OF OBS
00-02	.1	2.8	1.1	3.8		7.7	9.5		.2		17.4	927
03-05	.4	2.8	1.0	4.7		8.5	12.3		.2		21.0	927
06-08		2.6	1.3	4.1		8.0	16.9	.1	.2		25.2	927
09-11	.1	2.0	1.2	5.2		8.4	16.4	1.1	.5	.2	26.6	927
12-14	.1	1.6	1.1	4.1		6.8	12.1	1.0	.9	.1	20.8	927
15-17		2.0	1.1	3.8		6.9	10.2	1.4	1.0	.2	19.7	927
18-20	.2	2.5	1.3	2.9		6.7	9.0	.9	1.2	.1	17.8	927
21-23	.1	2.7	1.9	3.5		8.1	10.1		.8		19.0	927
ALL HOURS	.1	2.4	1.2	4.0		7.6	12.1	.6	.6	.1	21.0	7416

MONTH: FEB

00-02	.6	6.6	1.2	3.5		11.3	15.2		.8		27.4	846
03-05	.4	6.4	2.1	4.8		13.4	20.0		.7		34.0	846
06-08		7.1	2.7	4.7		14.5	23.5		.8		38.9	846
09-11	.1	7.0	1.8	6.5		15.2	22.2	.9	.7		39.1	846
12-14	.1	6.9	.7	6.3		13.8	17.4	1.5	1.1		33.8	846
15-17		5.4	.6	5.4		11.5	14.9	1.7	.4		28.4	846
18-20		4.4	.5	4.5		9.3	14.1	.5	.6		24.5	846
21-23	1.1	5.2	1.1	3.4		9.7	13.4		.4		23.4	846
ALL HOURS	.3	6.1	1.3	4.9		12.4	17.6	.6	.7		31.2	6768

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF HOURS WITH VARIOUS ATMOSPHERIC PHENOMENA
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723535

STATION NAME: VANCE AFB OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: MAR

HOURS (LST)	TSMS	LIQUID PRECIP	FREEZ PRECIP	FROZEN PRECIP	HAIL	ALL PRECIP	FOG	SMOKE &/OR HAZE	BLOWING SNOW	DUST &/OR SAND	ALL OBST TO VSW	TOTAL NO. OF OBS
00-02	2.5	8.1	.3	1.4		9.8	10.1	.3		.1	20.3	930
03-05	1.4	6.2	.3	1.8		8.4	12.9	.1	.2		21.6	930
06-08	.8	7.7	.3	2.3		10.3	22.4	.9	.5		34.1	930
09-11	.1	6.5	.3	3.2		10.0	15.7	1.2	.3	.3	27.5	930
12-14	.4	7.1		2.5		9.6	10.1	1.1	.1	.3	21.2	930
15-17	1.0	8.0	.1	1.5		9.6	7.6	1.4		.5	19.1	930
18-20	2.4	8.4	.5	.8		9.7	9.4	1.0		.3	20.3	930
21-23	2.9	8.9	.2	.5	.1	9.8	8.9	.5		.3	19.6	930
ALL HOURS	1.4	7.6	.3	1.7	.0	9.6	12.1	.8	.1	.2	23.0	7440

MONTH: APR

00-02	3.7	7.4		.1		7.6	6.9				14.4	900
03-05	1.9	8.2				8.2	10.0				18.2	900
06-08	1.9	8.0				8.0	19.3	1.0			28.3	900
09-11	.6	5.8				5.8	11.6	.7			18.0	900
12-14	.9	5.1		.1		5.2	6.3	.2		.3	12.1	900
15-17	1.9	5.1			.1	5.2	4.0	.3		.8	10.3	900
18-20	1.9	5.1		.1		5.2	5.1			.4	10.8	900
21-23	3.2	4.6		.3		4.9	4.1			.4	9.4	900
ALL HOURS	2.0	6.2		.1	.0	6.3	8.4	.3		.3	15.2	7200

A - 2 - 2

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF HOURS WITH VARIOUS ATMOSPHERIC PHENOMENA
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723535

STATION NAME: VANCE AFB OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: MAY

HOURS (LST)	TSTMS	LIQUID PRECIP	FREEZ PRECIP	FRCZEN PRECIP	HAIL	ALL PRECIP	FOG	SMOKE &/OR HAZE	BLOWING SNOW	DUST &/OR SAND	ALL OBST TO VSM	TOTAL NO. OF OBS
00-02	3.7	6.9				6.9	8.5	.6			16.0	930
03-05	2.2	6.1				6.1	14.7				20.9	930
06-08	1.6	7.7				7.7	22.0	1.2			31.0	930
09-11	1.6	6.8				6.8	9.6	1.1			17.4	930
12-14	1.8	4.9			.1	5.1	4.5	.9			10.4	930
15-17	3.0	6.0				6.0	2.4	.8			9.1	930
18-20	5.2	6.6			.1	6.7	3.2	1.7			11.6	930
21-23	4.7	7.1				7.1	5.7	1.2			14.0	930
ALL HOURS	3.0	6.5			.0	6.5	8.8	.9			16.3	7440

MONTH: JUN

00-02	4.0	6.6				6.6	5.2	.6			12.3	900
03-05	4.8	6.8				6.8	12.4	1.6			20.8	900
06-08	1.9	6.0				6.0	18.2	4.1			28.3	900
09-11	1.0	3.1				3.1	4.4	1.9			9.4	900
12-14	2.9	3.9				3.9	1.6	1.7			7.1	900
15-17	4.8	6.2				6.2	1.4	1.6			9.2	900
18-20	6.1	6.1				6.1	1.4	1.3			8.9	900
21-23	4.6	4.6				4.6	2.6	1.3			8.4	900
ALL HOURS	3.8	5.4				5.4	5.9	1.8			13.1	7200

A - 2 - 3

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF HOURS WITH VARIOUS ATMOSPHERIC PHENOMENA
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723535

STATION NAME: VANCE AFB OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: JUL

HOURS (LST)	TSDMS	LIQUID PRECIP	FREEZ PRECIP	FROZEN PRECIP	HAIL	ALL PRECIP	FOG	SMOKE &/OR HAZE	BLOWING SNOW	DUST &/OR SAND	ALL OBST TO VSH	TOTAL NO. OF OBS
00-02	3.9	3.0				3.0	1.4	2.7			7.1	930
03-05	3.5	4.7				4.7	2.8	3.5			11.1	930
06-08	2.4	4.5				4.5	6.7	6.2			17.4	930
09-11	1.4	3.1				3.1	1.7	2.5			7.3	930
12-14	1.3	1.8				1.8		1.9			3.8	930
15-17	3.9	3.2				3.2		2.4			5.6	930
18-20	2.6	3.0				3.0		3.3			6.3	930
21-23	2.5	3.0				3.0	.1	2.7			5.8	930
ALL HOURS	2.7	3.3				3.3	1.6	3.2			8.1	7440

MONTH: AUG

00-02	1.7	4.5				4.5	1.9	1.3		.1	7.8	930
03-05	2.8	4.8				4.8	5.8	2.5			13.1	930
06-08	2.0	5.1				5.1	15.1	6.6			26.7	930
09-11	.3	5.2				5.2	5.9	4.1			15.2	930
12-14	.2	3.7				3.7	1.8	4.1			9.6	930
15-17	2.9	4.4				4.4	1.6	3.1			9.1	930
18-20	3.6	4.4				4.4	1.5	3.1			9.0	929
21-23	4.1	5.1				5.1	1.4	1.2		.2	7.8	930
ALL HOURS	2.2	4.6				4.6	4.4	3.2		.0	12.3	7439

A - 2 - 4

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF HOURS WITH VARIOUS ATMOSPHERIC PHENOMENA
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723535

STATION NAME: VANCE AFB OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: SEP

HOURS (LST)	TSTMS	LIQUID PRECIP	FREEZ PRECIP	FROZEN PRECIP	HAIL	ALL PRECIP	FOG	SMOKE &/OR HAZE	BLOWING SNOW	DUST &/OR SAND	ALL OBST TO VSN	TOTAL NO. OF OBS
00-02	4.0	6.9				6.9	5.4	.3			12.7	900
03-05	3.4	7.0				7.0	8.9	.1			16.0	900
06-08	2.0	7.6				7.6	17.1	2.0			26.7	900
09-11	.1	5.3				5.3	7.0	.9		.1	13.3	900
12-14	.6	4.3				4.3	2.3	.9		.8	8.3	900
15-17	2.2	4.7				4.7	2.2	.6		.8	8.2	900
18-20	3.6	5.3				5.3	2.1	1.2		.2	8.9	900
21-23	3.1	5.8				5.8	2.9	1.2			9.9	900
ALL HOURS	2.4	5.9				5.9	6.0	.9		.2	13.0	7200

MONTH: OCT

00-02	1.7	6.1	.1			6.2	10.6			.2	17.1	930
03-05	1.0	6.3	.3			6.7	13.4				20.1	930
06-08	.6	6.7	.2	.1		7.0	20.4	.5			28.0	930
09-11	.9	7.0	.3			7.3	13.2	1.2			21.7	930
12-14	.8	4.9	.4	.1		5.5	6.8	.6		.4	13.3	930
15-17	.5	5.6		.1		5.7	6.0	.4		.6	12.8	930
18-20	1.2	5.6		.1		5.7	7.2	.9		.3	14.1	930
21-23	1.6	5.5		.3		5.8	8.8	.6		.1	15.4	930
ALL HOURS	1.0	6.0	.2	.1		6.2	10.8	.5		.2	17.8	7440

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF HOURS WITH VARIOUS ATMOSPHERIC PHENOMENA
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723535

STATION NAME: VANCE AFB OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: NOV

HOURS (LST)	TSTMS	LIQUID PRECIP	FREEZ PRECIP	FROZEN PRECIP	HAIL	ALL PRECIP	FOG	SMOKE &/OR HAZE	BLOWING SNOW	DUST &/OR SAND	ALL OBST TO VSN	TOTAL NO. OF OBS
00-02	.3	6.2	.3	1.7		8.2	11.6	.3	.6		20.7	900
03-05	.2	5.8	1.0	1.3		8.1	14.2	.3	.1		22.8	900
06-08	.1	5.6	1.6	1.3		8.4	18.2	.3			27.0	900
09-11	.8	6.3	1.4	1.3		9.1	16.5	.3			25.9	898
12-14	.8	6.4	.8	1.2		8.4	13.1	.7			22.2	900
15-17	.3	6.3	.7	1.0		8.0	11.0	.8		.3	20.1	900
18-20	.1	6.4	.8	1.6		8.8	11.4				20.2	900
21-23	.4	8.2	.8	1.1		10.1	10.4	.1	.6		21.2	900
ALL HOURS	.4	6.4	.9	1.3		8.7	13.3	.4	.2	.0	22.5	7198

MONTH: DEC

00-02		4.4	1.0	4.9		10.3	13.4	.1			23.9	901
03-05		4.7	.9	6.4		12.0	17.2		.3		29.6	900
06-08	.1	5.9	1.3	5.9		13.0	20.5	.1	.4		34.1	921
09-11	.3	5.1	1.7	5.4		12.3	20.4	.4	.4		33.6	921
12-14	.1	5.3	1.3	4.3		11.0	14.5	1.0	.7		27.1	921
15-17	.1	5.8	1.4	4.9		12.1	12.3	1.3	.7		26.3	921
18-20		4.1	.8	4.4		9.3	12.2	.6	.4		22.5	904
21-23	.1	4.5	.7	4.5		9.6	12.6		.8		23.0	897
ALL HOURS	.1	5.0	1.1	5.1		11.2	15.4	.4	.5		27.5	7286

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OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF VARIOUS ATMOSPHERIC PHENOMENA
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723535

STATION NAME: VANCE AFB OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 82 - DEC 91
HOURS: ALL

MONTH	TSMS	LIQUID PRECIP	FREEZ PRECIP	FROZEN PRECIP	RAIL	ALL PRECIP	FOG	SMOKE &/OR HAZE	BLOWING SNOW	DUST &/OR SAND	ALL OBST TO VSN	TOTAL NO. OF OBS
JAN	.1	2.4	1.2	4.0		7.6	12.1	.6	.6	.1	21.0	7416
FEB	.3	6.1	1.3	4.9		12.4	17.6	.6	.7		31.2	6768
MAR	1.4	7.6	.3	1.7	.0	9.6	12.1	.8	.1	.2	23.0	7440
APR	2.0	6.2		.1	.0	6.3	8.4	.3		.3	15.2	7200
MAY	3.0	6.5			.0	6.5	8.8	.9			16.3	7440
JUN	3.8	5.4				5.4	5.9	1.8			13.1	7200
JUL	2.7	3.3				3.3	1.6	3.2			8.1	7440
AUG	2.2	4.6				4.6	4.4	3.2		.0	12.3	7439
SEP	2.4	5.9				5.9	6.0	.9		.2	13.0	7200
OCT	1.0	6.0	.2	.1		6.2	10.8	.5		.2	17.8	7440
NOV	.4	6.4	.9	1.3		8.7	13.3	.4	.2	.0	22.5	7198
DEC	.1	5.0	1.1	5.1		11.2	15.4	.4	.5		27.5	7286
ANNUAL	1.6	5.4	.4	1.4	.0	7.3	9.6	1.1	.2	.1	18.3	87467

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF DAYS WITH VARIOUS ATMOSPHERIC PHENOMENA
FROM SUMMARY OF DAY DATA

STATION NUMBER: 723535

STATION NAME: VANCE AFB OK
LST TO UTC: +06

PERIOD OF RECORD: 4201-4701,4810-9110
MONTH: ALL HOURS: ALL

MONTH	TSTMS	LIQUID PRECIP	FREEZ PRECIP	FROZEN PRECIP	HAIL	ALL PRECIP	FOG	SMOKE &/OR HAZE	BLOWING SNOW	DUST &/OR SAND	ALL OBST TO VSN	TOTAL NO. OF OBS
JAN	1.2	18.9	5.8	16.5		29.2	29.8	6.4	3.7	.2	41.5	1387
FEB	2.5	24.4	5.5	14.7	.4	32.6	35.2	7.9	2.8	.6	47.7	1244
MAR	7.7	30.1	1.6	8.3	1.1	34.3	31.0	9.9	1.0	.6	46.6	1337
APR	14.9	35.9	.2	1.5	2.4	36.1	23.0	7.1	.1	.5	45.8	1307
MAY	23.3	42.8			2.4	42.8	27.8	7.9			53.6	1361
JUN	25.4	37.4			.9	37.4	18.3	6.8		.2	46.8	1333
JUL	19.8	30.9			.5	30.9	12.0	6.5		.5	39.4	1362
AUG	18.7	31.4			.4	31.4	15.5	10.1		.7	42.9	1383
SEP	14.2	32.8			.6	32.8	23.4	7.2		.3	44.8	1341
OCT	8.4	26.5	.1	.4	.7	26.5	22.0	5.4	.1	.1	37.1	1375
NOV	3.2	21.5	1.3	5.8	.2	24.4	24.6	4.4	.9	.2	35.8	1303
DEC	1.2	21.2	3.6	10.3	.1	27.1	27.2	5.3	1.3	.1	39.4	1346
ANNUAL	11.8	29.5	1.5	4.7	.8	32.1	24.1	7.1	.8	.3	43.4	16079

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF THUNDERSTORMS
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723535

STATION NAME: VANCE AFB OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 82 - DEC 91

HOURS (LST)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
00-02	.1	.6	2.5	3.7	3.7	4.0	3.9	1.7	4.0	1.7	.3	
03-05	.4	.4	1.4	1.9	2.2	4.8	3.5	2.8	3.4	1.0	.2	
06-08			.8	1.9	1.6	1.9	2.4	2.0	2.0	.6	.1	.1
09-11	.1	.1	.1	.6	1.6	1.0	1.4	.3	.1	.9	.8	.3
12-14	.1	.1	.4	.9	1.8	2.9	1.3	.2	.6	.8	.8	.1
15-17			1.0	1.9	3.0	4.8	3.9	2.9	2.2	.5	.3	.1
18-20	.2		2.4	1.9	5.2	6.1	2.6	3.6	3.6	1.2	.1	
21-23	.1	1.1	2.9	3.2	4.7	4.6	2.5	4.1	3.1	1.6	.4	.1
ALL HOURS	.1	.3	1.4	2.0	3.0	3.8	2.7	2.2	2.4	1.0	.4	.1
TOTAL OBS	7416	6768	7440	7200	7440	7200	7440	7439	7200	7440	7198	7286

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCES OF ATMOSPHERIC PHENOMENA
VERSUS WIND DIRECTION FROM HOURLY OBSERVATIONS

STATION NUMBER: 723535

STATION NAME: VANCE APB OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: JAN HOURS: ALL

PHENOMENA	CALM	VARIABLE	310 - 360	001 - 080	081 - 180	181 - 309	NO OF OBS
TSIMS			18.2	54.5	27.3		11
LIQUID PRECIP	.6		14.2	48.5	24.9	11.8	169
FREEZING PRECIP	1.1		12.0	43.5	43.5		92
FROZEN PRECIP	1.3		31.5	56.0	9.3	2.0	302
FOG	4.9		20.3	30.0	31.4	13.4	891
FOG WITH VIS GE 1/2 MILES	4.2		22.2	30.7	30.3	12.6	802
TOTAL OBS	386	0	1757	1373	1830	2065	0 7411

MONTH: FEB HOURS: ALL

TSIMS			5.3	31.6	47.4	15.8	19
LIQUID PRECIP	4.7		25.2	36.4	31.4	2.2	404
FREEZING PRECIP	14.4		33.3	48.9	2.2	1.1	90
FROZEN PRECIP	1.7		43.6	45.9	7.6	1.1	353
FOG	7.7		29.9	32.0	22.5	8.0	1157
FOG WITH VIS GE 1/2 MILES	7.4		31.5	32.9	19.9	8.4	976
TOTAL OBS	391	0	1558	1604	1843	1370	0 6766

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OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCES OF ATMOSPHERIC PHENOMENA
VERSUS WIND DIRECTION FROM HOURLY OBSERVATIONS

STATION NUMBER: 723535

STATION NAME: VANCE AFB OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: MAR HOURS: ALL

PHENOMENA	CALM	VARIABLE	310 - 360	001 - 080	081 - 180	181 - 309	NO OF OBS
TSMS	2.8		16.8	30.8	33.6	15.9	107
LIQUID PRECIP	1.9		18.3	40.5	32.0	7.5	482
FREEZING PRECIP			15.0	85.0			20
FROZEN PRECIP			41.8	50.7	7.5		134
FOG	5.3		14.7	32.5	38.7	8.8	895
FOG WITH VIS GE 1/2 MILES	4.9		15.3	33.1	38.2	8.4	842
TOTAL OBS	356	0	1386	1528	2715	1452	7437

MONTH: APR HOURS: ALL

TSMS	1.4		13.8	31.7	37.9	15.2	145
LIQUID PRECIP	2.1		21.0	33.1	34.0	9.8	338
FREEZING PRECIP							
FROZEN PRECIP			20.0	80.0			5
FOG	4.8		13.9	26.7	39.8	14.9	606
FOG WITH VIS GE 1/2 MILES	4.1		14.5	27.8	38.9	14.7	565
TOTAL OBS	276	0	1311	1500	2653	1454	7194

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCES OF ATMOSPHERIC PHENOMENA
VERSUS WIND DIRECTION FROM HOURLY OBSERVATIONS

STATION NUMBER: 723535

STATION NAME: VANCE AFB OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: MAY HOURS: ALL

PHENOMENA	CALM	VARIABLE	310 - 360	001 - 080	081 - 180	181 - 309	NO OF OBS
TSTMS	1.3		11.4	24.1	42.1	21.1	228
LIQUID PRECIP	5.5		13.2	32.9	36.8	11.6	310
FREEZING PRECIP							
FROZEN PRECIP							
FOG	4.9		9.7	24.4	53.9	7.2	657
FOG WITH VIS GE 1/2 MILES	4.9		10.2	24.7	52.8	7.3	627
TOTAL OBS	384	0	799	1284	3483	1482	7432

MONTH: JUN HOURS: ALL

TSTMS	3.3		15.6	22.6	34.4	24.1	270
LIQUID PRECIP	11.8		11.3	25.0	35.8	15.2	204
FREEZING PRECIP							
FROZEN PRECIP							
FOG	14.1		5.9	27.9	46.5	5.6	426
FOG WITH VIS GE 1/2 MILES	13.2		5.8	27.9	47.4	5.8	416
TOTAL OBS	433	0	462	1011	3608	1656	7170

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCES OF ATMOSPHERIC PHENOMENA
VERSUS WIND DIRECTION FROM HOURLY OBSERVATIONS

STATION NUMBER: 723535

STATION NAME: VANCE AFB OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: JUL HOURS: ALL

PHENOMENA	CALM	VARIABLE	310 - 360	001 - 080	081 - 180	181 - 309	NO OF OBS
TSNDS	2.0		10.1	20.6	42.7	24.6	199
LIQUID PRECIP	3.9		10.2	33.6	27.3	25.0	128
FREEZING PRECIP							
FROZEN PRECIP							
FOG	6.8		10.2	29.7	43.2	10.2	118
FOG WITH VIS GE 1/2 MILES	7.0		9.6	29.8	43.0	10.5	114
TOTAL OBS	269	0	393	911	3706	2147	7426

MONTH: AUG HOURS: ALL

TSNDS	3.7		15.9	26.8	36.0	17.7	164
LIQUID PRECIP	4.8		5.2	25.5	45.8	18.7	251
FREEZING PRECIP							
FROZEN PRECIP							
FOG	8.6		5.8	28.8	47.5	9.2	326
FOG WITH VIS GE 1/2 MILES	8.7		5.6	28.9	47.5	9.3	322
TOTAL OBS	243	0	263	1251	3668	1993	7418

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OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCES OF ATMOSPHERIC PHENOMENA
VERSUS WIND DIRECTION FROM HOURLY OBSERVATIONS

STATION NUMBER: 723535

STATION NAME: VANCE AFB OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: SEP HOURS: ALL

PHENOMENA	CALM	VARIABLE	310 - 360	001 - 080	081 - 180	181 - 309	NO OF OBS
TSIMS	2.3		17.0	28.1	35.1	17.5	171
LIQUID PRECIP	3.5		17.4	31.5	38.3	9.3	311
FREEZING PRECIP							
FROZEN PRECIP							
FOG	8.1		10.4	21.5	53.2	6.7	432
FOG WITH VIS GE 1/2 MILES	7.9		10.3	21.3	53.6	6.9	418
TOTAL OBS	358	0	619	1213	3331	1658	7179

MONTH: OCT HOURS: ALL

TSIMS			18.2	13.0	46.8	22.1	77
LIQUID PRECIP	4.2		19.2	35.3	29.7	11.6	380
FREEZING PRECIP			61.5	38.5			13
FROZEN PRECIP			42.9	14.3		42.9	7
FOG	7.3		16.4	21.4	40.4	14.5	805
FOG WITH VIS GE 1/2 MILES	6.3		16.4	22.3	40.9	14.1	736
TOTAL OBS	528	0	1093	1329	2944	1522	7416

A - 5 - 5

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCES OF ATMOSPHERIC PHENOMENA
VERSUS WIND DIRECTION FROM HOURLY OBSERVATIONS

STATION NUMBER: 723535

STATION NAME: VANCE AFB OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: NOV HOURS: ALL

PHENOMENA	CALM	VARIABLE	310 - 360	001 - 080	081 - 180	181 - 309	NO OF OBS	
TSDMS			10.7	28.6	50.0	10.7	28	
LIQUID PRECIP	5.1		33.8	33.6	21.3	6.3	447	
FREEZING PRECIP			56.1	40.9	1.5	1.5	66	
FROZEN PRECIP			70.7	18.2	1.0	10.1	99	
FOG	9.0		25.5	25.7	28.9	10.9	956	
FOG WITH VIS GE 1/2 MILES	7.4		26.8	26.5	27.9	11.3	891	
TOTAL OBS	480	0	1555	986	2414	1753	0	7188

MONTH: DEC HOURS: ALL

TSDMS			28.6	28.6	42.9		7	
LIQUID PRECIP	3.9		19.7	20.8	40.6	15.0	360	
FREEZING PRECIP	3.6		44.6	43.4	1.2	7.2	83	
FROZEN PRECIP	.3		34.5	54.5	7.7	3.1	391	
FOG	8.0		24.7	22.0	30.8	14.5	1116	
FOG WITH VIS GE 1/2 MILES	7.3		26.0	23.7	28.6	14.4	961	
TOTAL OBS	475	0	1617	1397	2003	1783	0	7275

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCES OF ATMOSPHERIC PHENOMENA
VERSUS WIND DIRECTION FROM HOURLY OBSERVATIONS

STATION NUMBER: 723535

STATION NAME: VANCE AFB OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 82 - DEC 91
MONTHS: ALL

PHENOMENA	CALM	VARIABLE	310 - 360	001 - 080	081 - 180	181 - 309	NO OF OBS
TSMS	2.2		14.2	25.2	38.5	19.8	1426
LIQUID PRECIP	4.2		19.1	33.1	33.0	10.6	3784
FREEZING PRECIP	4.7		34.6	46.4	12.1	2.2	364
FROZEN PRECIP	.9		39.8	49.2	7.4	2.7	1291
FOG	7.2		18.6	26.9	36.5	10.8	8385
FOG WITH VIS GE 1/2 MILES	6.6		19.1	27.6	36.0	10.7	7670
TOTAL OBS	4579	0	12613	15387	34198	20335	0 87312

A - 5 - 7

PPPPPPPP	AAAAAA	RRRRRRRR	TTTTTTTTTT	BBBBBBBBBB
PPPPPPPPPP	AAAAAAAA	RRRRRRRRRR	TTTTTTTTTTT	BBBBBBBBBBBB
PP PP	AA AA	RR RR	TT	BB BB
PP PP	AA AA	RR RR	TT	BB BB
PPPPPPPPPP	AA AA	RRRRRRRRRR	TT	BBBBBBBBBBB
PPPPPPPPPP	AAAAAAAAAA	RRRRRRRR	TT	BBBBBBBBBBB
PP	AAAAAAAAAA	RR RR	TT	BB BB
PP	AA AA	RR RR	TT	BB BB
PP	AA AA	RR RR	TT	BBBBBBBBBBB
PP	AA AA	RR RR	TT	BBBBBBBBBBB

B - 1 - 1

PART B

PRECIPITATION, SNOWFALL, SNOW DEPTH SUMMARIES

ALL TABLES IN PART B ARE CREATED FROM SUMMARY OF DAY (SOD) DATA.

PERCENT OCCURRENCE FREQUENCY.

THESE TABLES GIVE THE PERCENT OCCURRENCE FREQUENCY OF PRECIPITATION, SNOWFALL AND SNOW DEPTH. DATA IS SUMMARIZED FOR ALL YEARS COMBINED. SUMMARIES INCLUDE THE PERCENT OF DAYS WITH MEASURABLE AMOUNTS, PERCENT OF DAYS WITH NO AMOUNTS, PERCENT OF DAYS WITH TRACES, AND PERCENT OF DAYS WITH SPECIFIED AMOUNTS. SUMMARIES ALSO PROVIDE AN OBSERVATION COUNT. A VALUE OF ".0" INDICATES ONE OR MORE OCCURRENCES THAT, IN AGGREGATE, AMOUNT TO LESS THAN .05 PERCENT.

MONTHLY TOTALS.

THESE TABLES GIVE THE TOTAL MONTHLY PRECIPITATION AND SNOWFALL RESPECTIVELY. THEY ARE SUMMARIZED BY MONTH FOR ALL YEARS. THE TABLES ALSO GIVE THE GREATEST AMOUNTS, LEAST AMOUNTS, MEAN, MEDIAN, STANDARD DEVIATIONS, AND TOTAL AVAILABLE OBSERVATIONS. AN ASTERISK (*) INDICATES A VALUE FOR A MONTH FOR WHICH LESS THAN 90% OF THE DATA ARE AVAILABLE. AN ASTERISK ALSO DENOTES A YEAR(S) WITH ONE OR MORE MISSING AND/OR INCOMPLETE MONTHS. INCOMPLETE MONTHS/YEARS ARE NOT INCLUDED IN STATISTICAL COMPUTATIONS. NOTE: LEAST AMOUNTS ARE DERIVED FROM COMPLETE MONTHS/YEARS ONLY. ".00" MEANS NO PRECIPITATION FOR THE MONTH, ".0" MEANS NO SNOWFALL FOR THE MONTH.

DAILY EXTREMES.

THESE TABLES GIVE THE MAXIMUM DAILY REPORTED AMOUNTS (BY INDIVIDUAL YEAR-MONTH) FOR PRECIPITATION, SNOWFALL, AND SNOW DEPTH, RESPECTIVELY. THEY SHOW THE GREATEST AMOUNTS FOR EACH MONTH AND THE TOTAL NUMBER OF AVAILABLE OBSERVATIONS FOR EACH MONTH AND YEAR. AN ASTERISK (*) INDICATES A MONTH FOR WHICH LESS THAN 90% OF DATA ARE AVAILABLE. AN ASTERISK ALSO DENOTES A YEAR(S) WITH ONE OR MORE MISSING AND/OR INCOMPLETE MONTHS. ".00" MEANS NO PRECIPITATION FOR THE MONTH, ".0" MEANS NO SNOWFALL FOR THE MONTH, AND "0" MEANS NO SNOW DEPTH FOR THE MONTH.

SNOWFALL/SNOW DEPTH--FIRST AND LAST DAYS OF OCCURRENCE BY SNOW YEAR.

THIS SUMMARY GIVES THE FIRST AND LAST OCCURRENCES OF SNOWFALL AND SNOW DEPTH FOR THE SNOW-YEAR DURING THE PERIOD OF RECORD. FOR THIS SUMMARY, THE SNOW-YEAR IS CONSIDERED TO RUN FROM 1 AUGUST TO 31 JULY. TABLES SUMMARIZE THE DATA BY SNOW-YEAR, BY MONTH, AND BY DAY. THE FIRST (OR LAST) ENTRY IN COLUMN 69 OF AWS FORMS 1G/10A (OR EQUIVALENT) AS EITHER A TRACE OR A MEASURABLE AMOUNT DEFINES THE FIRST (OR LAST) SNOWFALL FOR THE YEAR. THE FIRST (OR LAST) ENTRY IN COLUMN 69 OTHER THAN ".0" OR "TRACE" DEFINES THE FIRST (OR LAST) MEASURABLE SNOWFALL. FINALLY, THE 1200 GMT ENTRY COLUMN 70 OF AWS FORM 10/10A (OR EQUIVALENT) DEFINES THE FIRST (OR LAST) OCCURRENCE OF SNOW DEPTH. THE LAST SNOW DEPTH IS CONSIDERED THE LAST SNOW MELT. THIS SUMMARY IS NOT PROVIDED WHEN NO SNOWFALL OCCURS DURING THE GIVEN PER.

NOTE 1. IF THE MINIMUM AMOUNT RECORDED IN THE MONTHLY TOTALS OR DAILY EXTREMES IS A TRACE, THE WORD "TRACE" WILL APPEAR IN THE APPROPRIATE COLUMN.

NOTE 2. TABLES INCLUDE STATISTICAL DATA ONLY WHEN FIVE (5) OR MORE SETS OF COMPLETE MONTHS ARE AVAILABLE.

NOTE 3. THE OBSERVATION COUNTS OR THE STATION HISTORY MIGHT PROVIDE CLUES AS TO WHY CERTAIN DATA ARE MISSING. FOR EXAMPLE, ONLY A FEW MISSING OBSERVATIONS MIGHT IMPLY MISSING DATA BECAUSE OF EQUIPMENT MALFUNCTION, BUT MORE THAN SEVERAL MISSING OBSERVATIONS USUALLY MEANS THE STATION IS (OR HAS BEEN) CLOSED.

NOTE 4. IN DAILY AND MONTHLY AMOUNTS SUMMARIES, THE LAST ENTRY ON THE PAGE GIVES THE GREATEST AMOUNT FOR THE PERIOD OF RECORD.

NOTE 5. BEFORE JANUARY 1956, SNOWFALL OCCURRENCES IN THE SUMMARY OF DAY INCLUDED HAIL.

NOTE 6. SNOW DEPTH REPORTING TIMES FOR USAF, NAVY AND CIVIL STATIONS ARE AS FOLLOWS:

AIR FORCE		NAVY AND NATIONAL WEATHER SERVICE	
THROUGH 1945:	0800 LST	THROUGH JUN 1952:	0030 GMT
JAN 1946 TO MAY 1957:	1230 LST	JUN 1952 TO MAY 1957:	1230 GMT
JUN 1957 TO PRESENT:	1200 GMT	JUN 1957 TO PRESENT:	1200 GMT

NOTE 7. 24-HOUR PRECIPITATION (INCLUDING SNOWFALL AND SNOW DEPTH) VALUES DERIVED FROM PART TIME PERIODS MAY NOT REFLECT TRUE 24-HOUR AMOUNTS. RECORDED AMOUNTS FOLLOWING WEEKENDS AND/OR HOLIDAYS FREQUENTLY REPRESENT AMOUNTS MEASURED FOR PERIODS GREATER THAN 24 HOURS. IN ADDITION, 24-HOUR AMOUNTS MAY NOT REPRESENT THE STANDARD CLIMATOLOGICAL 24-HOUR "MIDNIGHT TO MIDNIGHT" AMOUNT. DATA FROM PART TIME PERIODS MAY NOT ACCURATELY REFLECT NIGHTTIME PRECIPITATION EVENTS.

CONVERSIONS:

- 1 INCH = 25.39998 MILLIMETERS
- 1 MILLIMETER = .03937 INCHES

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF PRECIPITATION IN INCHES
FROM SUMMARY OF DAY DATA

STATION NUMBER: 723535

STATION NAME: VANCE AFB OK
LST TO UTC: +06

PERIOD OF RECORD: 4201-4701,4810-9110
MONTH: ALL HOURS: ALL

AMOUNTS (INCHES)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
NONE	69.9	68.0	66.8	63.7	56.4	60.9	68.8	67.9	66.5	72.2	75.1	71.4	67.3
TRACE	14.2	15.3	13.0	13.3	15.5	13.4	11.7	12.2	12.1	11.0	10.1	13.8	12.9
.01	2.6	1.5	1.9	1.6	2.1	1.2	1.6	1.4	1.3	.8	1.5	1.7	1.6
.02-.05	3.8	3.8	3.8	4.0	4.0	4.9	2.8	3.5	4.2	2.2	3.4	3.6	3.7
.06-.10	2.9	2.5	3.0	2.5	3.1	2.9	2.5	1.8	2.2	2.2	2.1	3.2	2.6
.11-.25	3.3	3.9	4.0	4.2	5.0	4.2	3.4	4.4	3.8	3.0	2.3	2.9	3.7
.26-.50	1.8	2.8	3.0	5.1	4.7	4.2	3.6	3.1	4.0	3.3	2.1	2.0	3.3
.51-1.00	.9	1.5	3.4	3.5	5.2	4.6	3.0	3.3	3.0	3.0	1.9	1.1	2.9
1.01-2.50	.5	.6	1.1	1.9	3.5	3.3	2.1	2.2	2.3	2.1	1.2	.5	1.8
2.51-5.00				.2	.6	.4	.3	.2	.6	.1	.3		.2
5.01-10.00				.1	.1		.1			.1			.0
10.01-20.00													
OVER 20.00													
DAYS WITH MEAS AMTS	15.9	16.7	20.3	23.0	28.1	25.7	19.4	19.9	21.3	16.8	14.8	14.8	19.7
TOTAL NO. OF OBSERVATIONS	1482	1310	1412	1373	1412	1417	1451	1469	1410	1478	1396	1423	17033

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

TOTAL MONTHLY PRECIPITATION AMOUNTS IN INCHES
FROM SUMMARY OF DAY DATA

STATION NUMBER: 723535

STATION NAME: VANCE AFB OK
LST TO UTC: +06

PERIOD OF RECORD: 4201-4701,4810-9110
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
42	.00*	.00*	.00*	3.37*	.95	4.75	.33	5.88	5.73	2.50	.24	1.60	25.35*
43	.05	.64	.65	1.11		1.77	3.45	.54	.65	1.13	.06	2.65	12.70*
44	.93	.73	2.85	3.39	1.88	3.28	2.48	2.66	4.35	1.65	4.72	2.13	31.05
45	.55	.75	2.45	8.10	1.05	2.93	3.77	1.46	5.55	.38	TRACE	.14	27.13
46	1.29	1.85	*	*	.88*	1.81	.20	2.94	2.50	2.01	2.15	1.12	16.75*
47	1.32												1.32*
48										.49*	3.71	.13	4.33*
49	5.25	4.09	1.43	2.33	5.00	2.64	1.59	.99	3.99	2.56	TRACE	.48	30.35
50	.45	.35	.28	.53	5.17	2.55	12.12	3.85	1.28	.31	.44	.08	27.41
51	.53	2.35	1.22	3.34	6.79	7.63	2.53	.78	3.65	3.96	2.05	.01	34.84
52	.65	.98	1.88	2.37	2.16	1.23	.23	4.47	.65	TRACE	1.88	1.05	17.55
53	.11	1.49	1.73	1.95	2.74	4.06	5.36	2.10	.75	1.40	1.07	1.27	24.03
54	.50	.31	.92	2.80	4.27	1.86	.19	4.20	.42	1.55	TRACE	.34	17.36
55	.83	1.85	.95	1.00	12.92	5.24	2.00	1.74	4.45	3.95	.15	TRACE	35.08
56	.10	1.48	.71	.74	1.99	2.82	.79	1.45	.54	1.81	.34	.56	13.33
57	.99	1.17	3.36	5.47	15.95	7.81	3.56	.37	6.14	1.51	2.04	.24	48.61
58	.75	.52	3.54	1.90	.55	4.81	3.14	4.24	.59	.38	.95	.67	22.04
59	.32	.31	1.20	2.88	5.29	2.67	1.99	1.28	6.94	7.18	.11	1.69	31.86
60	1.60	3.05	1.52	.69	5.56	2.12	6.73	6.76	2.39	4.06	TRACE*	.15*	34.63*
61	TRACE	TRACE*	TRACE*	.03*	4.54	5.10*	3.09*	3.38*	5.98*	3.80*	3.65*	1.05*	30.62*
62	1.52*	.13*	.97*	1.95*	.44*	5.78*	4.06*	1.29*	3.61*	2.45*	.80*	1.40*	24.40*
63	.14*	.07*	1.37*	1.87*	1.55	6.16*	10.55*	2.47*	2.00	2.34	1.42*	.45*	30.39*
64	.24*	.34*	.40*	.46*	5.58*	1.45*	.07*	.65	.59	.25	4.54*	.32*	14.89*
65	.59	.77	.46	.95	.34	.08	.70	.35	1.50	.56	TRACE	.13	6.43
66	.68	.87	TRACE	1.01	.11	1.91	1.08	2.36	.85	.85	TRACE	.53	10.25
67	.13	.10	.20	2.43	1.54	3.21	3.18	1.23	2.45	.97	.12	.48	16.04
68	.49	.20	.36	2.44	3.52	1.56	1.46	6.02	.93	1.42	4.17	1.42	23.99
69	.49	1.76	3.44	5.19	5.62	4.64	.60	3.38	4.49	1.71	.02	1.03	32.37
70	.14	.10	2.69	5.20	1.34	1.77	2.31	2.93	4.18	.98	.05	.80	22.49
71	1.11	1.86	.01	1.94	1.28	3.37	2.46	.62	4.62	3.46	1.71	1.92	24.36
72	.28	.54	.09	3.07	2.82	2.74	3.16	2.99	1.35	4.34	2.18	1.05	24.61
73	3.30	.42	8.61	3.98	1.64	3.24	6.27	1.93	5.44	10.56	2.39	1.27*	49.05*
74	.86	2.39	3.26	3.52	5.94	2.12	1.17	5.37	6.48	4.27	3.68	1.98	41.04
75	2.82	2.21	2.81	.69	7.03	3.27	1.60	1.14	.62	.48	2.49	.64	25.80

B - 2 - 2A

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

TOTAL MONTHLY PRECIPITATION AMOUNTS IN INCHES
FROM SUMMARY OF DAY DATA

STATION NUMBER: 723535

STATION NAME: VANCE AFB OK
LST TO UTC: +06

PERIOD OF RECORD: 4201-4701,4810-9110
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
76	.02	.23	1.02	5.07	5.16	.56	1.51	1.68	3.00	2.20	.12	TRACE	20.57
77	.99	.73	.75	9.24	9.53	2.49	3.52	3.89	1.74	1.01	1.68	.21	35.78
78	.51	2.21	.86	2.42	5.73	3.55	1.39	1.69	1.40	.48	2.74	.77	23.75
79	1.55	.51	5.23	2.70	6.67	2.38	2.49	4.80	1.55	1.33	3.96	1.03	34.20
80	.77	.68	2.34	4.95	8.43	5.84	.04	.34	1.01	2.84	.71	2.00	29.95
81	.26	.68	1.68	1.27	2.73	6.66	2.96	1.84	2.71	5.17	2.06	.22	28.24
82	.23	1.29	1.68	2.51	9.82	3.41	4.18	.04	.70	.95	2.14	1.05	28.00
83	1.20	.96	3.13	2.33	7.73	4.18	.21	1.70	5.11	5.65	1.62	.46	34.28
84	.51	1.67	5.81	2.93	.97	1.61	.28	.95	.33	2.26	1.38	3.14	21.84
85	1.96	2.05	2.59	4.00	1.78	5.52	3.67	5.69	5.18	3.44	3.46	.39	39.73
86	.00	.56	.20	2.05	4.46	4.44	3.15	5.63	7.79	11.62	2.96	1.10	43.96
87	1.42	3.33	2.94	1.05	8.41	5.38	4.02	2.87	4.93	.37	.89	1.07	38.68
88	.65	.04	4.26	4.30	3.68	1.12	4.74	.49	7.05	1.83	2.41	.29	30.86
89	1.14	.88	2.89*	.17	4.34	7.38	2.18	6.21	2.43	2.90	.03	.51	31.06*
90	1.54	3.33	3.12	2.46	3.49	.71	1.72	1.32	2.36	1.18	1.65	.52	23.40
91	.33	.03	1.25	1.86	4.12	5.49	4.09	2.90	2.00	3.27			25.34*

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

TOTAL MONTHLY PRECIPITATION AMOUNTS IN INCHES
FROM SUMMARY OF DAY DATA

STATION NUMBER: 723535

STATION NAME: VANCE AFB OK
LST TO UTC: +06

PERIOD OF RECORD: 4201-4701,4810-9110
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
LEAST	.00	.03	TRACE	.17	.11	.08	.04	.04	.33	TRACE	TRACE	TRACE	6.43
GREATEST	5.25	4.09	8.61	9.24	15.95	7.81	12.12	6.76	7.79	11.62	4.72	3.14	49.05
MEAN	.89	1.22	2.04	2.82	4.47	3.38	2.60	2.59	2.94	2.50	1.50	.93	27.60
MEDIAN	.65	.87	1.68	2.44	4.20	3.07	2.39	1.93	2.41	1.76	1.62	.66	27.41
SD	.961	1.001	1.774	1.929	3.389	1.909	2.207	1.898	2.162	2.442	1.368	.824	9.149
TOTAL OBS	1482	1310	1412	1373	1412	1417	1451	1469	1410	1478	1396	1423	17033

THE GREATEST VALUE OF 15.95 OCCURRED ON 05/57

NOTE: *THE VALUE IS BASED ON A MONTH WITH LESS THAN 90% OF THE DATA AVAILABLE FOR THE MONTH

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

EXTREME DAILY PRECIPITATION AMOUNTS IN INCHES
FROM SUMMARY OF DAY DATA

STATION NUMBER: 723535

STATION NAME: VANCE AFB OK
LST TO UTC: +06

PERIOD OF RECORD: 4201-4701,4810-9110
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
42	.00*	.00*	.00*	2.51*	.53	1.26	.17	2.60	1.98	1.28	.13	.44	2.60*
43	.04	.64	.25	.40		.93	2.40	.51	.21	.47	.06	1.06	2.40*
44	.35	.39	1.00	.91	1.04	1.44	.85	.89	3.77	.67	2.80	1.56	3.77
45	.23	.34	.87	3.09	.43	1.39	1.00	.88	1.58	.30	TRACE	.06	3.09
46	.49	1.00	*	*	.60*	.95	.10	2.87	1.56	1.05	1.03	.94	2.87*
47	1.20												1.20*
48										.49*	2.05	.07	2.05*
49	1.47	2.48	.80	.80	1.41	1.18	.59	.55	2.31	.68	TRACE	.41	2.48
50	.12	.19	.20	.32	1.70	1.28	5.68	1.11	.77	.31	.24	.07	5.68
51	.20	.80	.48	1.15	1.40	3.10	1.73	.26	.88	.62	1.06	.01	3.10
52	.36	.75	.71	.86	1.08	.98	.10	1.54	.63	TRACE	.60	.46	1.54
53	.10	.52	.86	1.22	1.19	2.43	1.95	.67	.70	.42	.76	1.07	2.43
54	.50	.23	.71	1.40	2.12	.65	.11	1.45	.18	.67	TRACE	.19	2.12
55	.45	1.35	.42	.23	2.15	2.63	1.04	.79	1.23	2.29	.15	TRACE	2.63
56	.04	.38	.65	.40	.68	1.32	.27	.61	.54	1.04	.32	.36	1.32
57	.69	.53	.75	1.19	6.79	1.92	2.12	.35	3.36	.58	.68	.24	6.79
58	.55	.29	1.03	.43	.29	1.97	1.42	1.30	.15	.37	.87	.35	1.97
59	.17	.16	.62	1.44	1.59	1.24	.99	.72	2.09	1.93	.06	.62	2.09
60	.92	1.06	.35	.22	2.09	1.34	2.71	2.47	1.47	1.78	TRACE*	.07*	2.71*
61	TRACE	TRACE*	TRACE*	.02*	1.66	1.73*	1.85*	1.92*	3.30*	1.51*	2.67*	.76*	3.30*
62	.66*	.11*	.91*	.62*	.37*	1.97*	1.50*	1.11*	1.38*	.66*	.41*	.66*	1.97*
63	.10*	.07*	.99*	1.23*	.76	4.27*	5.82*	1.12*	1.18	2.27	.92*	.30*	5.82*
64	.24*	.22*	.34*	.45*	3.63*	.94*	.07*	.41	.32	.18	2.00*	.26*	3.63*
65	.23	.34	.16	.75	.34	.04	.42	.31	.90	.56	TRACE	.09	.90
66	.28	.48	TRACE	.91	.11	1.14	.70	.85	.42	.60	TRACE	.20	1.14
67	.13	.08	.08	1.00	.68	1.24	1.25	1.11	1.13	.44	.07	.10	1.25
68	.17	.10	.22	1.51	1.55	1.36	.98	1.97	.38	1.01	1.64	.70	1.97
69	.40	.74	1.27	2.29	1.62	2.24	.37	.86	2.92	.52	.01	.65	2.92
70	.07	.10	.93	1.96	1.23	.92	1.17	1.69	2.55	.80	.03	.72	2.55
71	.67	1.49	.01	.59	.62	1.02	1.01	.36	2.01	1.07	1.68	1.33	2.01
72	.18	.36	.05	1.68	1.40	1.07	1.10	.90	.52	1.52	.88	.35	1.68
73	1.19	.20	2.00	.96	.80	1.06	1.67	1.67	2.32	9.30	1.22	.70*	9.30*
74	.61	1.83	1.62	1.61	1.66	.98	.43	2.12	3.51	1.07	2.05	.72	3.51
75	1.90	.92	.73	.36	2.28	1.18	.38	.50	.33	.48	1.13	.22	2.28

B - 2 - 3A

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

EXTREME DAILY PRECIPITATION AMOUNTS IN INCHES
FROM SUMMARY OF DAY DATA

STATION NUMBER: 723535

STATION NAME: VANCE AFB OK
LST TO UTC: +06

PERIOD OF RECORD: 4201-4701,4810-9110
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
76	.01	.13	.37	1.35	1.86	.26	.46	.52	1.39	1.46	.12	TRACE	1.86
77	.34	.49	.40	7.01	3.80	1.51	1.61	1.29	.37	.63	1.17	.14	7.01
78	.20	1.67	.29	1.25	2.40	1.53	.82	.99	1.11	.48	.85	.62	2.40
79	.73	.35	2.06	.75	3.40	1.01	.98	1.49	.86	.70	3.26	.90	3.40
80	.42	.60	1.45	2.79	3.42	2.88	.04	.28	.70	2.25	.59	1.78	3.42
81	.16	.35	.71	.65	1.71	2.20	1.26	1.08	1.75	1.30	.49	.12	2.20
82	.07	.72	1.14	1.00	3.08	1.24	1.96	.04	.48	.95	.91	.28	3.08
83	.36	.48	.90	.93	3.79	1.28	.21	1.70	3.00	1.88	.60	.10	3.79
84	.22	.65	1.82	1.06	.49	.49	.08	.48	.28	.93	1.14	1.92	1.92
85	1.38	.75	1.17	1.13	.73	1.61	1.65	2.41	1.08	1.32	3.17	.25	3.17
86	.00	.43	.08	.90	1.46	1.44	1.12	2.51	4.28	6.03	2.12	.35	6.03
87	.61	.66	1.22	.41	2.42	1.57	1.80	1.36	1.75	.11	.36	1.39	2.42
88	.30	.04	1.61	1.21	3.24	.88	3.33	.34	4.60	.81	1.07	.26	4.60
89	.56	.50	2.09*	.17	.78	1.31	.67	2.43	1.03	1.28	.03	.39	2.43*
90	1.29	1.23	.90	.69	.89	.66	.81	.98	.71	.54	1.23	.17	1.29
91	.21	.03	.74	.44	.82	2.84	2.75	1.54	.61	1.42			2.84*
GREATEST	1.90	2.48	2.09	7.01	6.79	4.27	5.82	2.87	4.60	9.30	3.26	1.92	9.30
TOTAL OBS	1482	1310	1412	1373	1412	1417	1451	1469	1410	1478	1396	1423	17033

THE GREATEST VALUE OF 9.30 OCCURRED ON 10/10/73

NOTE: *THE VALUE IS BASED ON A MONTH WITH LESS THAN 90% OF THE DATA AVAILABLE FOR THE MONTH

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SNOWFALL IN INCHES
FROM SUMMARY OF DAY DATA

STATION NUMBER: 723535

STATION NAME: VANCE AFB OK
LST TO UTC: +06

PERIOD OF RECORD: 4601-4701,4810-9110
MONTH: ALL HOURS: ALL

AMOUNTS (INCHES)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
NONE	81.6	84.7	91.3	98.6	100.0	100.0	100.0	100.0	99.9	99.6	93.9	88.0	94.8
TRACE	11.4	8.9	5.8	1.2					.1	.3	4.4	7.7	3.3
0.1-0.4	2.1	1.6	.9								.5	.8	.5
0.5-1.4	2.8	2.1	.7	.1						.1	.3	1.8	.6
1.5-2.4	1.0	1.1	.6								.5	1.1	.4
2.5-3.4	.5	.8	.2	.1							.2	.2	.2
3.5-4.4	.1	.2	.2	.1							.2	.2	.1
4.5-6.4	.4	.3	.4									.2	.1
6.5-10.4	.1	.2										.1	.0
10.5-15.4													
15.5-25.4													
25.5-50.4													
OVER 50.4													
DAYS WITH MEAS AMTS	7.0	6.4	3.0	.2						.1	1.7	4.3	1.9
TOTAL NO. OF OBSERVATIONS	1363	1210	1304	1271	1322	1300	1329	1352	1294	1354	1280	1299	15678

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

TOTAL MONTHLY SNOWFALL AMOUNTS IN INCHES
FROM SUMMARY OF DAY DATA

STATION NUMBER: 723535

STATION NAME: VANCE AFB OK
LST TO UTC: +06

PERIOD OF RECORD: 4601-4701,4810-9110
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
46	TRACE	1.2	*	*	.0*	.0	.0	.0	.0	.0	TRACE	TRACE	1.2*
47	9.8												9.8*
48										.0*	3.3	TRACE	3.3*
49	17.4	TRACE	.7	TRACE	.0	.0	.0	.0	.0	.0	.0	2.0	20.1
50	1.0	TRACE	2.0	TRACE	.0	.0	.0	.0	.0	.0	TRACE	.6	3.6
51	1.5	5.1	TRACE	TRACE	.0	.0	.0	.0	.0	TRACE	2.1	.1	8.8
52	6.5	6.1	TRACE	.0	.0	.0	.0	.0	.0	.0	.3	2.1	15.0
53	2.0	4.6	TRACE	TRACE	.0	.0	.0	.0	.0	.0	2.0	TRACE	8.6
54	1.4	TRACE	.8	.0	.0	.0	.0	.0	.0	.0	.0	.7	2.9
55	2.0	TRACE	1.4	.0	.0	.0	.0	.0	.0	.0	1.5	TRACE	4.9
56	.4	9.2	.6	TRACE	.0	.0	.0	.0	.0	.0	.0	TRACE	10.2
57	.9	.4	.6	TRACE	.0	.0	.0	.0	.0	TRACE	TRACE	.0	1.9
58	.8	2.4	7.4	.0	.0	.0	.0	.0	.0	.0	.5	8.5	19.6
59	2.3	1.6	.0	TRACE	.0	.0	.0	.0	.0	.0	.4	TRACE	7.3
60	3.9	10.4	4.5	.0	.0	.0	.0	.0	.0	.0	TRACE*	TRACE*	18.8*
61	.0	.0*	TRACE*	.0*	.0	.0*	.0*	.0*	.0*	.0*	.0*	2.0*	2.0*
62	13.5*	TRACE*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	2.2*	15.7*
63	TRACE*	TRACE*	.0*	.0*	.0	.0*	.0*	.0*	.0	.0	.0*	5.7*	5.7*
64	TRACE*	TRACE*	TRACE*	.0*	.0*	.0*	.0*	.0	.0	.0	TRACE	1.3*	1.3*
65	2.0	1.5	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.5
66	5.1	3.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	4.8	12.9
67	1.0	.8	TRACE	.0	.0	.0	.0	.0	.0	TRACE	2.0	1.9	5.7
68	TRACE	3.7	2.9	.0	.0	.0	.0	.0	.0	.0	1.0	2.4	10.0
69	TRACE	4.9	7.1	.0	.0	.0	.0	.0	.0	.0	.0	2.1	14.1
70	1.2	TRACE	13.1	1.0	.0	.0	.0	.0	.0	.0	TRACE	TRACE	15.3
71	TRACE	9.9	.0	.0	.0	.0	.0	.0	.0	.0	3.5	2.5	15.9
72	3.0	5.0	.0	.0	.0	.0	.0	.0	.0	.0	5.6	3.5	17.1
73	7.4	1.0	.0	3.2	.0	.0	.0	.0	.0	.0	TRACE	4.0*	15.6*
74	1.0	2.0	2.0	.0	.0	.0	.0	.0	.0	.0	TRACE	3.1	8.1
75	5.4	13.7	5.1	.0	.0	.0	.0	.0	.0	.0	1.7	3.7	29.6
76	.2	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	1.3	TRACE	1.5
77	5.0	4.7	TRACE	.0	.0	.0	.0	.0	.0	.0	TRACE	.0	9.7
78	4.5	9.9	TRACE	.0	.0	.0	.0	.0	.0	.0	TRACE	4.2	18.6
79	9.0	TRACE	TRACE	4.0	.0	.0	.0	.0	.0	.0	.4	.0	13.4
80	TRACE	5.2	TRACE	.0	.0	.0	.0	.0	.0	.0	TRACE	.0	5.2

B - 3 - 2A

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

TOTAL MONTHLY SNOWFALL AMOUNTS IN INCHES
FROM SUMMARY OF DAY DATA

STATION NUMBER: 723535

STATION NAME: VANCE AFB OK
LST TO UTC: +06

PERIOD OF RECORD: 4601-4701,4810-9110
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
81	TRACE	.4	2.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	2.4
82	.6	11.5	.3	TRACE	.0	.0	.0	.0	.0	.0	TRACE	TRACE	12.4
83	5.4	5.0	.5	.0	.0	.0	.0	.0	.0	.0	2.8	5.1	18.8
84	3.3	TRACE	1.0	.0	.0	.0	.0	.0	.0	.0	TRACE	1.8	6.1
85	1.8	1.8	TRACE	.0	.0	.0	.0	.0	.0	.0	TRACE	6.0	9.6
86	.0	4.9	.0	.0	.0	.0	.0	.0	TRACE	TRACE	.0	TRACE	4.9
87	11.4	4.3	TRACE	.0	.0	.0	.0	.0	.0	.0	TRACE	9.0	24.7
88	10.1	TRACE	12.7	.0	.0	.0	.0	.0	.0	.0	3.0	.3	26.1
89	TRACE	TRACE	.0*	TRACE	.0	.0	.0	.0	.0	.0	.0	9.1	9.1*
90	TRACE	1.3	1.0	TRACE	.0	.0	.0	.0	.0	.0	TRACE	3.0	5.3
91	TRACE	TRACE	TRACE	.0	.0	.0	.0	.0	.0	1.0			1.0*
LEAST	.0	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.5
GREATEST	17.4	13.7	13.1	4.0	.0	.0	.0	.0	TRACE	1.0	5.6	9.1	29.6
MEAN	3.0	3.4	1.8	.2	.0	.0	.0	.0	TRACE	TRACE	.8	2.0	11.3
MEDIAN	1.5	1.9	.6	.0	.0	.0	.0	.0	.0	.0	TRACE	.7	9.7
SD	3.885	3.739	3.259	.819	.000	.000	.000	.000	.000	.154	1.316	2.661	7.258
TOTAL OBS	1363	1210	1304	1271	1322	1300	1329	1352	1294	1354	1280	1299	15678

THE GREATEST VALUE OF 17.4 OCCURRED ON 01/49

NOTE: *THE VALUE IS BASED ON A MONTH WITH LESS THAN 90% OF THE DATA AVAILABLE FOR THE MONTH

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

EXTREME DAILY SNOWFALL AMOUNTS IN INCHES
FROM SUMMARY OF DAY DATA

STATION NUMBER: 723535

STATION NAME: VANCE AFB OK
LST TO UTC: +06

PERIOD OF RECORD: 4601-4701,4810-9110
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
46	TRACE	1.2	*	*	.0*	.0	.0	.0	.0	.0	TRACE	TRACE	1.2*
47	9.0												9.0*
48										.0*	3.3	TRACE	3.3*
49	5.9	TRACE	.4	TRACE	.0	.0	.0	.0	.0	.0	.0	2.0	5.9
50	1.0	TRACE	2.0	TRACE	.0	.0	.0	.0	.0	.0	TRACE	.6	2.0
51	1.5	3.4	TRACE	TRACE	.0	.0	.0	.0	.0	TRACE	1.5	.1	3.4
52	3.6	5.5	TRACE	.0	.0	.0	.0	.0	.0	.0	.3	2.1	5.5
53	1.0	2.9	TRACE	TRACE	.0	.0	.0	.0	.0	.0	2.0	TRACE	2.9
54	1.2	TRACE	.8	.0	.0	.0	.0	.0	.0	.0	.0	.7	1.2
55	2.0	TRACE	1.4	.0	.0	.0	.0	.0	.0	.0	1.5	TRACE	2.0
56	.2	3.8	.4	TRACE	.0	.0	.0	.0	.0	.0	.0	TRACE	3.8
57	.4	.4	.3	TRACE	.0	.0	.0	.0	.0	TRACE	TRACE	.0	.4
58	.5	2.1	3.0	.0	.0	.0	.0	.0	.0	.0	.4	4.6	4.6
59	2.0	1.6	3.0	TRACE	.0	.0	.0	.0	.0	.0	.2	TRACE	3.0
60	1.6	5.9	3.5	.0	.0	.0	.0	.0	.0	.0	TRACE*	TRACE*	5.9*
61	.0	.0*	TRACE*	.0*	.0	.0*	.0*	.0*	.0*	.0*	.0*	2.0*	2.0*
62	6.0*	TRACE*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	2.2*	6.0*
63	TRACE*	TRACE*	.0*	.0*	.0	.0*	.0*	.0*	.0	.0	.0*	5.0*	5.0*
64	TRACE*	TRACE*	TRACE*	.0*	.0*	.0*	.0*	.0	.0	.0	TRACE	1.3*	1.3*
65	1.0	1.5	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.5
66	2.8	2.5	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	2.0	2.8
67	1.0	.8	TRACE	.0	.0	.0	.0	.0	.0	TRACE	2.0	.8	2.0
68	TRACE	2.0	2.2	.0	.0	.0	.0	.0	.0	.0	1.0	2.4	2.4
69	TRACE	3.2	5.0	.0	.0	.0	.0	.0	.0	.0	.0	2.1	5.0
70	.6	TRACE	6.0	1.0	.0	.0	.0	.0	.0	.0	TRACE	TRACE	6.0
71	TRACE	9.6	.0	.0	.0	.0	.0	.0	.0	.0	3.5	1.9	9.6
72	2.0	3.3	.0	.0	.0	.0	.0	.0	.0	.0	3.7	3.5	3.7
73	3.0	1.0	.0	3.2	.0	.0	.0	.0	.0	.0	TRACE	4.0*	4.0*
74	1.0	2.0	2.0	.0	.0	.0	.0	.0	.0	.0	TRACE	3.1	3.1
75	5.4	8.0	3.6	.0	.0	.0	.0	.0	.0	.0	1.7	2.4	8.0
76	.1	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	1.3	TRACE	1.3
77	1.4	4.7	TRACE	.0	.0	.0	.0	.0	.0	.0	TRACE	.0	4.7
78	1.2	3.0	TRACE	.0	.0	.0	.0	.0	.0	.0	TRACE	2.0	3.0
79	3.0	TRACE	TRACE	4.0	.0	.0	.0	.0	.0	.0	.4	.0	4.0
80	TRACE	2.2	TRACE	.0	.0	.0	.0	.0	.0	.0	TRACE	.0	2.2

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OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

EXTREME DAILY SNOWFALL AMOUNTS IN INCHES
FROM SUMMARY OF DAY DATA

STATION NUMBER: 723535

STATION NAME: VANCE AFB OK
LST TO UTC: +06

PERIOD OF RECORD: 4601-4701, 4810-9110
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
81	TRACE	.4	2.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	2.0
82	.4	6.9	.3	TRACE	.0	.0	.0	.0	.0	.0	TRACE	TRACE	6.9
83	3.1	4.6	.5	.0	.0	.0	.0	.0	.0	.0	1.8	2.4	4.6
84	2.2	TRACE	1.0	.0	.0	.0	.0	.0	.0	.0	TRACE	1.3	2.2
85	1.4	1.8	TRACE	.0	.0	.0	.0	.0	.0	.0	TRACE	3.0	3.0
86	.0	3.9	.0	.0	.0	.0	.0	.0	TRACE	TRACE	.0	TRACE	3.9
87	5.8	2.5	TRACE	.0	.0	.0	.0	.0	.0	.0	TRACE	6.0	6.0
88	7.1	TRACE	5.7	.0	.0	.0	.0	.0	.0	.0	3.0	.3	7.1
89	TRACE	TRACE	.0*	TRACE	.0	.0	.0	.0	.0	.0	.0	7.0	7.0*
90	TRACE	.8	1.0	TRACE	.0	.0	.0	.0	.0	.0	TRACE	1.0	1.0
91	TRACE	TRACE	TRACE	.0	.0	.0	.0	.0	.0	1.0			1.0*

GREATEST	9.0	9.6	6.0	4.0	.0	.0	.0	.0	TRACE	1.0	3.7	7.0	9.6
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TOTAL OBS	1363	1210	1304	1271	1322	1300	1329	1352	1294	1354	1280	1299	15678
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THE GREATEST VALUE OF 9.6 OCCURRED ON 02/21/71

NOTE: *THE VALUE IS BASED ON A MONTH WITH LESS THAN 90% OF THE DATA AVAILABLE FOR THE MONTH

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SNOW DEPTH IN INCHES
FROM SUMMARY OF DAY DATA

STATION NUMBER: 723535

STATION NAME: VANCE AFB OK
LST TO UTC: +06

PERIOD OF RECORD: 4201-4701,4810-9110
MONTH: ALL HOURS: ALL

AMOUNTS (INCHES)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
NONE	77.3	83.6	94.5	99.7	100.0	100.0	100.0	100.0	100.0	99.9	97.1	87.1	95.0
TRACE	8.1	5.9	2.2	.2						.1	1.9	5.0	1.9
1	5.2	2.7	1.5	.1							.4	2.6	1.0
2	3.6	3.0	.8								.4	3.0	.9
3	2.3	1.8	.4								.1	1.2	.5
4-6	2.5	2.4	.6								.1	.9	.5
7-12	1.1	.5										.2	.1
13-24													
25-36													
37-48													
49-60													
61-120													
OVER 120													
DAYS WITH MEAS AMTS	14.7	10.4	3.3	.1							1.1	7.9	3.1
TOTAL NO. OF OBSERVATIONS	1465	1314	1420	1391	1414	1420	1453	1476	1414	1476	1403	1409	17055

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OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

EXTREME DAILY SNOW DEPTH AMOUNTS IN INCHES
FROM SUMMARY OF DAY DATA

STATION NUMBER: 723535

STATION NAME: VANCE AFB OK
LST TO UTC: +06

PERIOD OF RECORD: 4201-4701,4810-9110
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
42	0*	0*	0*	0	0	0	0	0	0	0	0	4	4*
43	0	0	1	0		0	0	0	0	0	0	6	5*
44	4*	0	5	0	0	0	0	0	0	0	0	0	5*
45	2*	3	1	0	0	0	0	0	0	0	0	0*	3*
46	0	1	0*	*	0*	0	0	0	0	0	0	0	1*
47	7												7*
48										0*	3	0	3*
49	6	1	TRACE	0	0	0	0	0	0	0	0	2	6
50	TRACE	0	1	0	0	0	0	0	0	0	0	TRACE	1
51	TRACE	6	0	0	0	0	0	0	0	0	2	TRACE	6
52	3	3	TRACE	0	0	0	0	0	0	0	TRACE	2	3
53	1	2	0	TRACE	0	0	0	0	0	0	2	TRACE	2
54	1	0	1	0	0	0	0	0	0	0	0	1	1
55	1	TRACE	1	0	0	0	0	0	0	0	0	2	2
56	TRACE	5	TRACE	0	0	0	0	0	0	0	0	TRACE	5
57	TRACE	1	TRACE	TRACE	0	0	0	0	0	0	0	0	1
58	1	2	3	0	0	0	0	0	0	0	1	6	6
59	4	2	2	0	0	0	0	0	0	0	TRACE	0	4
60	2	6	5	0	0	0	0	0	0	0*	0*	0*	6*
61	0	TRACE*	0*	0*	0	0*	0*	0*	0*	0*	0	1*	1*
62	5*	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*	2*	5*
63	TRACE*	0*	0*	0*	0	0*	0*	0*	0	0	0*	4*	4*
64	0*	0*	0*	0*	0*	0*	0*	0	0	0	0	1*	1*
65	1	2	TRACE	0	0	0	0	0	0	0	0	0	2
66	3	3	0	0	0	0	0	0	0	0	0	3	3
67	1	1	0	0	0	0	0	0	0	0	2	1	2
68	0	3	2	0	0	0	0	0	0	0	0	2	3
69	TRACE	3	3	0	0	0	0	0	0	0	0	1	3
70	1	0	5	0	0	0	0	0	0	0	0	0	5
71	0	10	0	0	0	0	0	0	0	0	TRACE	1	10
72	2	5	0	0	0	0	0	0	0	0	1	4	5
73	5	0	0	1	0	0	0	0	0	0	0	4*	5*
74	1	1	2	0	0	0	0	0	0	0	TRACE	3	3
75	2	9	3	0	0	0	0	0	0	0	2	1	9

B - 4 - 2A

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

EXTREME DAILY SNOW DEPTH AMOUNTS IN INCHES
FROM SUMMARY OF DAY DATA

STATION NUMBER: 723535

STATION NAME: VANCE AFB OK
LST TO UTC: +06

PERIOD OF RECORD: 4201-4701,4810-9110
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
76	TRACE	0	0	0	0	0	0	0	0	0	TRACE	0	TRACE
77	3	1	0	0	0	0	0	0	0	0	0	0	3
78	3	5	TRACE	0	0	0	0	0	0	0	0	2	5
79	4	3	0	0	0	0	0	0	0	0	0	0	4
80	TRACE	3	1	0	0	0	0	0	0	0	0	0	3
81	0	0	2	0	0	0	0	0	0	0	0	TRACE	2
82	1	7	TRACE	0	0	0	0	0	0	0	TRACE	TRACE	7
83	3	5	0	0	0	0	0	0	0	0	2	3	5
84	3	0	TRACE	0	0	0	0	0	0	0	0	2	3
85	1	2	0	0	0	0	0	0	0	0	0	2	2
86	0	5	0	0	0	0	0	0	0	0	0	0	5
87	10	2	0	0	0	0	0	0	0	0	TRACE	7	10
88	12	TRACE	2	0	0	0	0	0	0	0	4	1	12
89	0	0	0*	0	0	0	0	0	0	0	0	6	6*
90	0	1	1	0	0	0	0	0	0	0	0	2	2
91	1	0	0	0	0	0	0	0	0	TRACE			1*
GREATEST	12*	10*	5*	1*	0*	0*	0*	0*	0*	TRACE*	4*	7*	12*
TOTAL OBS	1465	1314	1420	1391	1414	1420	1453	1476	1414	1476	1403	1409	17055

THE GREATEST VALUE OF 12 OCCURRED ON 01/07/88

NOTE: *THE VALUE IS BASED ON A MONTH WITH LESS THAN 90% OF THE DATA AVAILABLE FOR THE MONTH

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

FIRST AND LAST DAYS OF OCCURRENCE BY SNOW-YEAR
FROM SUMMARY OF DAY DATA

STATION NUMBER: 723535 STATION NAME: VANCE AFB OK

PERIOD OF RECORD: 4201-4701,4810-9110
SNOW-YEAR: 1 AUG - 31 JUL

SNOW-YEAR	FIRST SNOWFALL	FIRST MEASURABLE SNOWFALL	FIRST MEASURABLE SNOW DEPTH	LAST SNOWFALL	LAST MEASURABLE SNOWFALL	LAST MEASURABLE SNOW DEPTH
42 - 43			DEC 07			MAR 06
43 - 44			DEC 28			MAR 29
44 - 45			JAN 28			MAR 01
45 - 46	JAN 11	FEB 13	FEB 13	FEB 13	FEB 13	FEB 14
46 - 47	NOV 25	JAN 02	JAN 02	JAN 16	JAN 16	JAN 16
48 - 49	NOV 19	NOV 28	NOV 28	APR 02	MAR 09	FEB 01
49 - 50	DEC 08	DEC 21	DEC 21	APR 01	MAR 02	MAR 03
50 - 51	NOV 03	DEC 05	FEB 14	APR 11	FEB 15	FEB 17
51 - 52	OCT 31	NOV 01	NOV 02	MAR 21	FEB 25	FEB 26
52 - 53	NOV 09	NOV 25	DEC 25	APR 18	FEB 24	FEB 24
53 - 54	NOV 06	NOV 21	NOV 22	MAR 13	MAR 02	MAR 02
54 - 55	DEC 12	DEC 28	DEC 29	MAR 25	MAR 21	MAR 22
55 - 56	NOV 15	NOV 30	DEC 01	APR 09	MAR 15	FEB 08
56 - 57	DEC 06	JAN 25	FEB 23	APR 12	MAR 25	FEB 24
57 - 58	OCT 25	JAN 14	JAN 21	MAR 17	MAR 17	MAR 18
58 - 59	NOV 26	NOV 27	NOV 28	APR 08	MAR 05	MAR 06
59 - 60	NOV 05	NOV 05	JAN 06	MAR 17	MAR 15	MAR 09
60 - 61	NOV 09			MAR 31		
61 - 62	DEC 08	DEC 08	DEC 12	FEB 26	JAN 18	JAN 24
62 - 63	DEC 26	DEC 26	DEC 26	FEB 28	DEC 26	DEC 28
63 - 64	DEC 10	DEC 11	DEC 12	MAR 25	DEC 23	DEC 24
64 - 65	NOV 18	DEC 03	DEC 04	MAR 25	MAR 01	FEB 24
65 - 66	JAN 16	JAN 19	JAN 19	FEB 21	FEB 14	FEB 15
66 - 67	NOV 01	DEC 22	DEC 23	MAR 18	FEB 16	FEB 17
67 - 68	OCT 30	NOV 28	NOV 28	MAR 22	MAR 22	MAR 22
68 - 69	NOV 27	NOV 27	DEC 27	MAR 24	MAR 14	MAR 15
69 - 70	DEC 28	DEC 29	DEC 29	APR 04	APR 04	MAR 28
70 - 71	NOV 14	FEB 04	FEB 21	FEB 28	FEB 22	FEB 25

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

FIRST AND LAST DAYS OF OCCURRENCE BY SNOW-YEAR
FROM SUMMARY OF DAY DATA

STATION NUMBER: 723535

STATION NAME: VANCE AFB OK

PERIOD OF RECORD: 4201-4701,4810-9110
SNOW-YEAR: 1 AUG - 31 JUL

SNOW-YEAR	FIRST SNOWFALL	FIRST MEASURABLE SNOWFALL	FIRST MEASURABLE SNOW DEPTH	LAST SNOWFALL	LAST MEASURABLE SNOWFALL	LAST MEASURABLE SNOW DEPTH
71 - 72	NOV 22	NOV 22	DEC 03	FEB 11	FEB 11	FEB 13
72 - 73	NOV 17	NOV 17	NOV 19	APR 09	APR 08	APR 08
73 - 74	NOV 20	DEC 19	DEC 19	MAR 23	MAR 20	MAR 21
74 - 75	NOV 29	DEC 11	DEC 11	MAR 28	MAR 28	MAR 04
75 - 76	NOV 25	NOV 25	NOV 26	MAR 15	JAN 07	DEC 30
76 - 77	NOV 04	NOV 11	JAN 02	MAR 04	FEB 26	FEB 26
77 - 78	NOV 08	JAN 16	JAN 17	MAR 08	FEB 20	FEB 22
78 - 79	NOV 16	DEC 08	DEC 08	APR 03	APR 03	FEB 11
79 - 80	NOV 07	NOV 10	FEB 08	MAR 01	FEB 29	MAR 01
80 - 81	NOV 17	FEB 10	MAR 08	MAR 07	MAR 07	MAR 08
81 - 82	DEC 22	JAN 06	JAN 07	APR 09	MAR 05	FEB 16
82 - 83	NOV 23	JAN 18	JAN 19	MAR 23	MAR 19	FEB 09
83 - 84	NOV 23	NOV 23	NOV 23	MAR 31	MAR 19	JAN 22
84 - 85	NOV 18	DEC 04	DEC 05	MAR 31	FEB 04	FEB 08
85 - 86	NOV 27	DEC 10	DEC 11	FEB 28	FEB 10	FEB 15
86 - 87	SEP 11	JAN 08	JAN 09	MAR 29	FEB 19	FEB 17
87 - 88	NOV 18	DEC 14	DEC 14	MAR 29	MAR 17	MAR 19
88 - 89	NOV 19	NOV 19	NOV 20	APR 09	DEC 11	DEC 12
89 - 90	DEC 06	DEC 07	DEC 08	APR 05	MAR 24	MAR 25
90 - 91	NOV 04	DEC 21	DEC 21	MAR 15	DEC 30	JAN 01
91 - 92	OCT 31	OCT 31		OCT 31	OCT 31	
MEDIAN-DATE	NOV 18	DEC 08	DEC 21	MAR 23	MAR 01	FEB 24

PPPPPPP	AAAAAA	RRRRRRRR	TTTTTTTTT	CCCCC
PPPPPPPP	AAAAAAA	RRRRRRRRR	TTTTTTTTTT	CCCCCCCC
PP PP	AA AA	RR RR	TT	CC CC
PP PP	AA AA	RR RR	TT	CC
PPPPPPPP	AA AA	RRRRRRRRR	TT	CC
PPPPPPPP	AAAAAAAAA	RRRRRRRRR	TT	CC
PP	AAAAAAAAA	RR RR	TT	CC
PP	AA AA	RR RR	TT	CC CC
PP	AA AA	RR RR	TT	CCCCCCCC
PP	AA AA	RR RR	TT	CCCCC

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PART C

SURFACE WIND SUMMARIES

PEAK WINDS.

THESE TABLES ARE CREATED FROM SUMMARY OF DAY DATA. SPEEDS ARE IN KNOTS. DIRECTIONS ARE TO 16 COMPASS POINTS FROM THE BEGINNING OF PERIOD OF RECORD THROUGH JUNE 1968, BUT IN JULY 1968, ALL STATIONS EXCEPT THOSE OF THE NATIONAL WEATHER SERVICE STARTED RECORDING DIRECTIONS IN TENS OF DEGREES. DATA IS SUMMARIZED BY MONTH FOR EACH YEAR FOR THE ENTIRE PERIOD OF RECORD AVAILABLE. GIVEN: THE GREATEST MONTHLY VALUE FOR ALL YEARS COMBINED, THE GREATEST YEARLY VALUE FOR ALL YEARS COMBINED, AND THE DATE OF THE ABSOLUTE PEAK WIND RECORDED FOR THE ENTIRE PERIOD OF RECORD. AN ASTERISK (*) INDICATES A VALUE FOR A MONTH FOR WHICH LESS THAN 90% OF THE DATA ARE AVAILABLE. AN ASTERISK ALSO DENOTES A YEAR(S) WITH ONE OR MORE MISSING AND/OR INCOMPLETE MONTHS.

PEAK WINDS--PERCENT OCCURRENCE FREQUENCY.

ALSO FROM SUMMARY OF DAY DATA. DATA IS SUMMARIZED BY MONTH, FOR ALL YEARS COMBINED, FOR ELEVEN WIND SPEED GROUPS. THE 1-4 KNOT SPEED GROUP INCLUDES CALM WINDS. IF THE PEAK WIND IS REPORTED FOR A PARTICULAR DAY AS "CALM," THAT COUNT GOES INTO THE "1-4 KNOT" CATEGORY. TABLES INCLUDE MEANS, MEDIANS, AND TOTAL OBSERVATION COUNTS. THE VALUES IN THIS SUMMARY ACCOUNT FOR A PEAK WIND BEING RECORDED FOR EACH DAY OF EACH MONTH.

WIND DIRECTION VS WIND SPEED--PERCENT OCCURRENCE FREQUENCY.

THESE TABLES ARE CREATED FROM HOURLY OBSERVATIONS. THEY SUMMARIZE THE DATA AS FOLLOWS:

- BY EIGHT 3-HOUR STANDARD TIME PERIODS FOR EACH MONTH (ALL YEARS COMBINED).
- BY MONTH (ALL YEARS AND ALL HOURS COMBINED).
- BY YEAR (ALL YEARS AND ALL HOURS COMBINED).

THESE TABLES GIVE A BIVARIATE DISTRIBUTION OF THE PERCENT OCCURRENCE FREQUENCY (POF) FOR ELEVEN WIND SPEED GROUPS VERSUS TWELVE WIND DIRECTION SECTORS GIVEN IN 30 DEGREE INCREMENTS. "CALM" AND "VARIABLE" WINDS ARE GIVEN SEPARATELY. CARDINAL WIND DIRECTIONS (N,E,S,W) APPEAR FOR REFERENCE. TOTAL PERCENTAGES, MEANS, AND MEDIANS FOR EACH SECTOR, ALONG WITH TOTAL OBSERVATION COUNTS, ARE PRINTED BELOW EACH SUMMARY.

ALSO PROVIDED: A BIVARIATE DISTRIBUTION OF WIND DIRECTION VERSUS WIND SPEED FOR SPECIFIED CEILING/VISIBILITY CONDITIONS. THESE CONDITIONS ARE:

WHEN THE VISIBILITY IS GREATER THAN OR EQUAL TO 1/2 MILES (0800 METERS) THE CEILING MUST BE GREATER THAN OR EQUAL TO 200 FEET BUT LESS THAN 1500 FEET. IF THIS CONDITION IS NOT MET, THEN THE FOLLOWING CONDITION IS TESTED: WHEN THE CEILING IS GREATER THAN OR EQUAL TO 200 FEET, THE VISIBILITY MUST BE GREATER THAN OR EQUAL TO 1/2 (0800 METERS) BUT LESS THAN 3 MILES (4800 METERS).

CONVERSION: 1 KNOT = .514791 METERS PER SECOND

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

PEAK SURFACE WINDS IN KNOTS
FROM SUMMARY OF DAY DATA

STATION NUMBER: 723535

STATION NAME: VANCE AFB OK
LST TO UTC: +06

PERIOD OF RECORD: 4601-6010,6305-6310,6511-9110
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
46	NNE 44	NW 40	*	*	*	N 58	WNW 32	SSE 39	NNE 55	SW 37	NNW 44	SW 42	N *58
47	WSW 49												WSW*49
48										*	*	NW *54	NW *54
49	NNE*43	SSW*47	NNW*42	W *53	NNW 49	S 40	N 41	NNE 32	WNW 43	WSW 72	NNW 49	WSW 40	WSW*72
50	SSW 38	SSW 45	SSW 51	NW 47	ESE 56	SW 56	WSW 53	NNW 43	SSE*27	SSW 35	N 41	N *43	ESE*56
51	SSW*36	NNE*39	NNW*49	SW 44	W *49	WSW 78	NNE*40	NW 49	SSW 50	WNW 41	SSW 38	WNW 47	WSW*78
52	SSW 40	NW 40	WSW 48	NNW 43	SSE 42	WSW 53	NNW 43	NNE 47	NNE 43	WNW 38	WNW 49	SSW 34	WSW 53
53	NNE 42	NNW 51	W 40	W 41	SSW 50	N 69	NNE 47	SSE 43	SSE 41	NNW 32	WSW 30	NNW 36	N 69
54	NNW 49	WNW 51	WSW 49	SW 40	W 52	SSW 44	WNW 38	SSW 58	SSW 62	NE 43	SSE 44	W 51	SSW 62
55	SSW 41	N 43	NNE 43	WNW 45	SSW 50	NW 64	SSW 32	WNW 37	WNW 32	NNW 45	N 45	SW 46	NW 64
56	WNW 39	NW 53	NNW 44	ESE 54	SSW 43	NE 39	WSW 50	ESE 49	NNW 48	SE 47	NW 42	NNE 37	ESE 54
57	S 42	N 42	NNW 43	NW 49	E 60	N 55	NW 57	NNW 35	NNW 42	NNW 45	NNW 45	NNW*45	E *60
58	NNW 47	NNW 56	WNW 30	W 45	S 43	NNW 43	NE 50	W 32	NNE 44	NNE 31	W 57	NNE 37	W 57
59	WNW 44	WSW 43	NNW 43	N 42	S 40	NNW 49	ESE 33	SSE 37	NE 40	NNE 41	N 39	WSW 46	NNW 49
60	WNW 39	W 43	WNW 42	WNW 43	NW 41	NW 43	N 75	NNE 34	NNW 32	NW *50			N *75
63					S *30	*	*	*	N *39	S *33			N *39
65											NW *39	S 36	NW *39
66	WNW 34	S 37	NNW*51	S 48	SSE 43	N 48	NW 34	WSW 40	NNE 39	N 44	SSW 40	SW 43	NNW*51
67	WSW 42	N 45	SW 36	S 67	SW 34	W 39	N 27	E 31	W 42	N 55	N 34	WNW 42	S 67
68	N 35	N 42	S 38	S 39	S 47	SSE 40	34/ 38	18/ 34	24/ 40	33/ 50	31/ 46	29/ 45	33/ 50
69	36/ 43	32/ 37	36/ 49	29/ 42	15/ 54	01/ 38	03/ 30	04/ 34	04/ 44	20/ 44	19/ 46	33/ 58	33/ 58
70	22/ 39	36/*46	18/ 37	03/ 53	17/ 41	35/ 45	20/ 39	35/ 70	22/ 50	17/ 32	32/ 38	33/ 40	35/*70
71	31/ 36	04/ 47	33/ 50	24/ 49	17/ 45	23/*34	35/*34	18/ 30	36/ 40	14/ 30	33/ 32	29/ 33	33/*50
72	01/ 42	19/ 37	18/ 37	34/ 52	33/ 39	20/ 38	30/ 60	35/ 40	02/ 32	21/ 34	33/ 38	32/ 32	30/ 60
73	35/ 45	34/ 48	19/ 53	21/ 49	29/ 48	18/ 39	05/ 48	02/ 39	35/ 50	28/ 54	15/ 41	01/*43	28/*54
74	36/ 31	34/ 38	34/ 35	24/ 41	20/ 47	22/ 40	28/ 43	22/ 34	34/ 28	29/ 37	35/ 34	34/ 50	34/ 50
75	01/ 53	01/ 40	14/ 40	14/ 47	22/ 46	36/ 52	18/ 39	01/ 33	01/ 40	29/ 35	27/ 50	36/ 46	01/ 53
76	35/ 40	34/ 48	32/ 43	20/ 36	28/ 44	18/ 52	01/ 38	19/ 38	10/ 32	02/ 36	01/ 32	03/ 37	18/ 52
77	01/ 42	01/ 43	17/ 43	34/ 41	22/ 67	22/ 39	03/ 49	22/ 43	20/ 37	01/ 39	02/ 44	23/ 39	22/ 67
78	36/ 38	31/ 39	18/ 38	17/ 53	26/ 45	35/ 52	11/ 45	21/ 41	17/ 40	02/ 38	01/ 30	20/ 36	17/ 53
79	36/ 42	35/ 41	33/ 46	19/ 41	36/ 70	20/ 40	33/ 52	21/ 46	01/ 50	02/ 46	33/ 31	36/ 35	36/ 70
80	34/ 37	36/ 33	28/ 42	18/ 75	22/ 30	34/ 43	19/ 32	18/ 43	21/ 36	23/ 40	21/ 27	02/ 37	18/ 75

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

PEAK SURFACE WINDS IN KNOTS
FROM SUMMARY OF DAY DATA

STATION NUMBER: 723535

STATION NAME: VANCE AFB OK
LST TO UTC: +06

PERIOD OF RECORD: 4601-6010,6305-6310,6511-9110
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
81	36/ 27	35/ 37	36/ 42	23/ 39	33/ 52	13/ 60	28/ 38	11/ 63	29/ 47	01/ 37	27/ 42	33/ 36	11/ 63
82	33/ 40	36/ 30	01/ 43	31/ 56	22/ 55	04/ 37	33/ 42	01/ 34	28/ 50	16/ 34	29/ 45	18/ 39	31/ 56
83	03/ 44	35/ 36	31/ 44	02/ 60	21/ 52	28/ 47	20/ 36	13/ 36	36/ 45	19/ 34	33/ 39	32/ 32	02/ 60
84	01/ 35	01/ 47	36/ 39	31/ 60	28/ 41	19/ 39	18/ 27	35/ 35	19/ 34	24/ 41	01/ 42	20/ 32	31/ 60
85	02/ 43	16/ 39	19/ 51	18/ 38	20/ 38	33/ 50	21/ 27	02/ 29	01/ 42	01/ 40	19/ 35	03/ 34	19/ 51
86	36/ 36	35/ 33	17/ 48	34/ 59	15/ 49	21/ 64	19/ 40	34/ 50	17/ 46	32/ 42	01/ 42	33/ 26	21/ 64
87	15/ 30	01/ 38	30/ 37	32/ 45	12/ 36	31/ 40	19/ 45	21/ 34	06/ 42	18/ 50	18/ 35	01/ 41	18/ 50
88	21/ 36	36/ 36	02/ 41	02/ 38	16/ 31	18/ 41	19/ 30	36/ 33	30/ 63	23/ 50	23/ 46	33/ 34	30/ 63
89	27/ 40	35/ 32	34/ 42	28/ 35	13/ 40	13/ 35	36/ 42	28/ 38	36/ 36	32/ 32	36/ 35	01/ 32	34/ 42
90	33/ 37	20/ 39	03/ 34	03/ 52	19/ 37	27/ 42	28/ 39	30/ 45	19/ 33	33/ 39	36/ 39	32/ 41	03/ 52
91	01/ 40	35/ 40	19/ 51	22/ 38	32/ 36	30/ 41	18/ 43	01/ 53	02/ 33	18/ 29			01/*53
GREATEST	01/ 53	NNW 56	19/ 53	18/ 75	36/ 70	WSW 78	N 75	35/ 70	30/ 63	WSW 72	W 57	33/ 58	WSW 78
TOTAL OBS	1192	1045	1155	1127	1160	1156	1189	1200	1165	1213	1117	1150	13869

THE PEAK WIND OF 78 FROM WSW OCCURRED ON 06/30/51

NOTE: *THE VALUE IS BASED ON A MONTH WITH LESS THAN 90% OF DATA AVAILABLE FOR THE MONTH
\$THE VALUE IS 100 OR GREATER WITH LESS THAN 90% OF DATA AVAILABLE FOR THE MONTH

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF DAILY PEAK WINDS
FROM SUMMARY OF DAY DATA

STATION NUMBER: 723535

STATION NAME: VANCE AFB OK
LST TO UTC: +06

PERIOD OF RECORD: 4601-6010,6305-6310,6511-9110
MONTH: ALL HOURS: ALL

MONTH	WIND SPEEDS IN KNOTS											MEAN WIND	MEDIAN WIND	TOTAL OBS
	CALM-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
JAN	.1	2.2	16.6	22.5	21.4	15.9	11.4	7.0	2.9	.1	.0	22.4	21.0	1192
FEB	.0	1.9	11.1	22.5	24.3	17.0	12.6	6.7	3.4	.4	.0	23.5	23.0	1045
MAR	.0	1.0	8.5	17.2	22.6	18.9	16.6	9.9	4.8	.6	.0	25.4	25.0	1155
APR	.0	.6	9.2	17.0	19.1	21.6	17.6	8.5	5.1	1.1	.2	25.7	26.0	1127
MAY	.0	1.7	10.8	21.9	23.1	18.6	13.5	5.7	3.4	1.0	.2	23.8	23.0	1160
JUN	.0	.2	12.3	17.8	27.0	18.3	13.4	6.3	3.5	1.0	.2	24.2	23.0	1156
JUL	.0	1.9	11.5	24.0	30.2	17.7	8.2	3.5	2.3	.6	.1	22.2	22.0	1189
AUG	.2	2.4	15.3	27.9	25.7	15.4	8.4	2.3	2.0	.3	.1	21.1	20.0	1200
SEP	.1	4.2	17.9	21.5	26.0	16.6	8.2	2.4	2.	.8	.0	21.3	21.0	1165
OCT	.1	4.0	16.2	19.1	21.8	18.7	12.8	4.6	2.1	.5	.1	22.3	22.0	1213
NOV	.0	3.5	17.5	20.1	22.6	16.7	10.4	6.4	2.8	.2	.0	22.2	21.0	1117
DEC	.2	2.3	16.3	21.0	22.1	18.7	11.3	5.4	2.3	.3	.0	22.4	22.0	1150
ANNUAL	.1	2.2	13.6	21.1	23.8	17.8	12.0	5.7	3.1	.6	.1	23.0	22.0	13869

C - 5 - 1

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723535

STATION NAME: VANCE AFB OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: JAN HOURS: 00-02

WIND SPEED IN KNOTS														
DIRECTION (DEGREES)	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010	1.6	4.6	4.7	2.5	1.1	.1						14.7	10.8	10.0
020-040	.6	3.0	2.5	.5	.2							6.9	9.4	9.0
050-070	.5	2.0	.8									3.3	7.6	8.0
(E) 080-100	1.0	.9	.3									2.2	6.0	5.5
110-130	.6	2.2	.4									3.2	6.3	6.0
140-160	1.9	5.7	1.2	.5	.2							9.6	7.6	7.0
(S) 170-190	1.9	6.7	5.0	2.3	.1	.1						16.1	9.5	8.0
200-220	2.3	4.9	1.4	.0								9.5	7.5	7.0
230-250	1.6	4.4										6.0	5.3	6.0
(W) 260-280	1.8	3.2										5.1	4.8	5.0
290-310	3.3	3.0	.8	.2								7.3	5.6	5.0
320-340	2.3	3.7	1.6	.6	.3							8.5	8.2	7.0
VARIABLE														
CALM	////////////////////////////////////											7.6	////////////////////////////////	
TOTALS	19.4	44.3	18.7	7.6	1.9	.2						100.0	7.5	7.0

TOTAL NUMBER OF OBSERVATIONS 927

C - 4 - 1

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723535

STATION NAME: VANCE AFB OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: JAN HOURS: 03-05

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	2.3	4.5	5.4	2.8	1.6	.2						16.8	11.2	11.0
020-040	1.1	2.9	2.2	.3	.1							6.6	8.6	8.0
050-070	.5	.5	1.3	.2								2.6	8.6	10.0
(E) 080-100	.9	1.6	.1									2.6	5.7	5.0
110-130	1.2	1.7	.4									3.3	6.4	6.0
140-160	1.1	6.7	2.4	.2								10.4	7.6	7.0
(S) 170-190	1.9	6.1	4.3	1.2	.2	.1						13.9	8.9	8.0
200-220	1.6	4.1	1.6	.5	.3							8.2	8.5	8.0
230-250	1.9	3.1	.5									5.6	5.5	5.0
(W) 260-280	2.0	4.3	.4									6.8	6.0	6.0
290-310	2.4	2.8	.6									5.8	5.5	5.0
320-340	2.5	5.3	1.5	1.1	.3							10.7	7.9	7.0
VARIABLE														
CALM	////////////////////											6.7	////////	
TOTALS	19.4	43.6	20.7	6.3	2.5	.3						100.0	7.6	7.0

TOTAL NUMBER OF OBSERVATIONS 927

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723535

STATION NAME: VANCE AFB OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: JAN HOURS: 06-08

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(W) 350-010	2.8	4.6	4.9	2.9	.9	.2						16.4	10.7	10.0
020-040	1.4	2.0	2.7	.5								6.7	9.2	9.0
050-070	.8	1.3	.6	.2								2.9	7.6	7.0
(N) 080-100	1.1	1.1	.2									2.4	4.8	5.0
110-130	1.0	1.2	.8									2.9	6.7	6.0
140-160	2.3	5.0	2.8	.5								10.6	7.7	7.0
(S) 170-190	1.9	5.9	4.1	1.2	.2							13.4	8.7	8.0
200-220	2.0	4.3	1.2		.4	.1						8.1	7.7	7.0
230-250	2.3	1.6										3.9	4.4	4.0
(W) 260-280	2.4	3.9	.1									6.4	5.2	6.0
290-310	2.6	5.6	2.0	.1								10.4	6.8	6.0
320-340	2.4	4.2	2.3	1.2								10.0	8.3	8.0
VARIABLE														
CALM	////////////////////////////////////											6.0	////////	
TOTALS	23.0	40.7	21.7	6.6	1.5	.4						100.0	7.5	7.0

TOTAL NUMBER OF OBSERVATIONS 927

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723535

STATION NAME: VANCE AFB OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: JAN HOURS: 09-11

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.2	4.4	6.9	3.5	1.3	.3						17.6	12.2	12.0
020-040	1.4	2.4	2.4	1.1	.2	.2						7.7	9.9	10.0
050-070	.6	.8	1.0	.2								2.6	8.3	9.0
(E) 080-100	1.0	1.9	.4	.1	.1							3.6	7.0	7.0
110-130	1.2	1.2	1.1		.1							3.6	7.6	7.0
140-160	.3	2.9	1.7	1.1	.1							6.1	9.9	9.0
(S) 170-190	.8	4.3	4.9	2.9	.6							13.5	11.3	11.0
200-220	1.9	3.2	4.4	.6	1.3	.1						11.7	10.6	10.0
230-250	.9	2.4	.8									4.0	7.0	7.0
(W) 260-280	1.8	2.9	1.2									5.9	6.7	7.0
290-310	.6	4.1	2.5	.6								7.9	8.8	8.0
320-340	1.4	5.4	4.6	1.5	.9	.1						13.9	10.3	10.0
VARIABLE														
CALM	////////////////////////////////////											2.0	////////////////////////////////	
TOTALS	13.1	35.9	31.9	11.6	4.6	.7						100.0	9.8	9.0

TOTAL NUMBER OF OBSERVATIONS 927

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723535

STATION NAME: VANCE AFB OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: JAN HOURS: 12-14

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.8	5.2	5.9	5.3	2.3	.2	.2					19.8	12.8	12.0
020-040	.6	2.2	2.2	1.1	.2	.1						6.4	10.5	10.0
050-070	.4	1.4	.8									2.6	8.2	8.0
(E) 080-100	.6	1.0	.4									2.0	6.5	7.0
110-130	.6	.4	1.4									2.5	8.3	10.0
140-160	.9	1.1	2.3	1.3								5.5	10.5	11.0
(S) 170-190	.5	3.2	5.9	2.7	2.0	.2						14.7	12.8	12.0
200-220	.3	1.9	4.6	3.0	1.6							11.5	13.5	13.0
230-250	1.3	2.6	1.9	.3	.4	.1						6.7	9.1	8.0
(W) 260-280	.9	2.7	.8	.1				.1				4.5	7.7	6.5
290-310	1.0	4.1	1.0	.9	.3							7.2	9.0	8.0
320-340	1.7	3.6	6.0	2.3	1.7	.2						15.5	11.6	12.0
VARIABLE														
CALM	////////////////////////////////////											1.0	////////	
TOTALS	9.6	29.4	33.2	17.0	8.5	.8	.3					100.0	11.2	11.0
TOTAL NUMBER OF OBSERVATIONS 927														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723535

STATION NAME: VANCE AFB OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: JAN HOURS: 15-17

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65		
(N) 350-010	1.5	4.1	5.7	3.9	1.2	.3	.1					16.8	12.0
020-040	1.5	3.3	1.9	.4	.5	.1						7.9	9.3
050-070	1.0	.9	1.1									2.9	7.3
(E) 080-100	.5	.9	.1									1.5	6.1
110-130	.6	.8	1.0	.1								2.5	7.9
140-160	1.0	2.0	1.9	1.4	.3	.1						6.8	10.6
(S) 170-190	1.0	3.6	7.6	3.2	1.5	.2						17.0	12.5
200-220	1.8	2.7	3.0	1.3	1.0							9.8	10.2
230-250	1.7	2.7	.6									5.1	6.0
(W) 260-280	1.4	1.2	.2		.1	.2						3.1	7.0
290-310	2.3	2.7	1.3	.6	.2	.1						7.2	8.0
320-340	1.9	6.3	4.9	2.4	1.0	.2	.1					16.7	10.3
VARIABLE													
CALM	////////////////////////////////////										2.6	////////////////////////////////	
TOTALS	16.2	31.2	29.3	13.3	5.8	1.2	.2					100.0	9.9

TOTAL NUMBER OF OBSERVATIONS 927

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723535

STATION NAME: VANCE AFB OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: JAN HOURS: 18-20

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	3.7	5.5	5.7	1.9	1.2	.1						18.1	9.7	9.0
020-040	1.6	3.2	1.7	.6	.1	.2	.1					7.7	8.7	7.0
050-070	1.3	2.0	.6									4.0	6.2	6.0
(E) 080-100	1.0	.8	.6									2.4	6.6	7.0
110-130	1.6	2.0	.8									4.4	6.0	5.0
140-160	2.8	6.6	2.2	.4								12.0	7.1	7.0
(S) 170-190	3.1	8.8	5.3	1.4	.1							18.8	8.4	8.0
200-220	1.6	4.0	.8									6.4	6.3	6.0
230-250	.9	.9										1.7	4.3	4.5
(W) 260-280	1.5	.5	.2									2.3	4.8	4.0
290-310	1.8	1.3	.5	.5	.1							4.3	7.0	5.0
320-340	3.1	4.6	1.3	1.0	.1							10.1	7.2	6.0
VARIABLE														
CALM	////////////////////											7.9	////	////
TOTALS	24.0	40.2	19.7	5.8	1.6	.3	.1					100.0	7.1	7.0

TOTAL NUMBER OF OBSERVATIONS 927

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723535

STATION NAME: VANCE AFB OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: JAN HOURS: 21-23

WIND SPEED IN KNOTS														
DIRECTION (DEGREES)	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010	1.9	4.2	5.8	1.8	.9	.1						14.8	10.4	10.0
020-040	1.3	2.7	2.5	1.2	.3	.3						8.3	10.4	10.0
050-070	.6	1.9	.9									3.5	7.2	8.0
(E) 080-100	.6	1.1	.5									2.3	6.6	6.0
110-130	1.8	3.0	1.1									5.9	6.3	5.0
140-160	2.9	5.2	2.4	.3								10.8	7.4	7.0
(S) 170-190	2.2	8.3	6.4	1.4	.2							18.4	9.2	8.0
200-220	1.0	6.4	.8	.2								8.3	6.9	6.0
230-250	1.1	2.7										3.8	5.0	5.0
(W) 260-280	2.4	1.9	.1									4.4	4.6	4.0
290-310	2.5	2.0	.9	.4								5.8	6.5	5.0
320-340	1.2	2.9	1.0	.8								5.8	8.4	7.5
VARIABLE														
CALM	////////////////////////////////////											7.9	////////////////////////////////	
TOTALS	19.5	42.3	22.4	6.1	1.4	.4						100.0	7.5	7.0

TOTAL NUMBER OF OBSERVATIONS 927

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723535

STATION NAME: VANCE AFB OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: JAN HOURS: ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	2.0	4.7	5.6	3.1	1.3	.2	.0					16.9	11.3	11.0
020-040	1.2	2.7	2.3	.7	.2	.1	.0					7.3	9.5	9.0
050-070	.7	1.4	.9	.1								3.0	7.5	8.0
(E) 080-100	.8	1.1	.4	.0	.0							2.4	6.2	6.0
110-130	1.1	1.6	.9	.0	.0							3.5	6.8	6.0
140-160	1.6	4.4	2.1	.7	.1	.0						9.0	8.2	8.0
(S) 170-190	1.7	5.9	5.4	2.0	.6	.1						15.7	10.1	10.0
200-220	1.6	3.9	2.2	.8	.6	.0						9.2	9.3	8.0
230-250	1.5	2.5	.5	.0	.1	.0						4.6	6.1	6.0
(W) 260-280	1.8	2.6	.4	.0	.0	.0	.0					4.8	5.9	5.0
290-310	2.1	3.2	1.2	.4	.1	.0						7.0	7.2	6.0
320-340	2.1	4.5	2.9	1.3	.5	.1	.0					11.4	9.4	8.0
VARIABLE														
CALM	////////////////////											5.2	////////	
TOTALS	18.2	38.5	24.8	9.1	3.5	.5						100.0	8.5	8.0

TOTAL NUMBER OF OBSERVATIONS 7416

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723535

STATION NAME: VANCE AFB OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: JAN HOURS: ALL

CATEGORY A: CEILING GE 200 BUT LESS THAN 1500 FEET WITH VISIBILITY GE 1/2 MILE (0800 METERS).
AND/OR
VISIBILITY GE 1/2 MILE (0800 METERS) BUT LESS THAN 3 MILES (4800 METERS) WITH CEILING GE 200 FEET.

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-54	GE 65			
(N) 350-010	1.6	5.5	12.9	6.6	5.4	.9						32.9	13.6	13.0
020-040	.7	4.8	5.1	2.8	.8	.7	.1					15.0	12.0	11.0
050-070	.9	2.0	1.7	.5								5.1	8.7	9.0
(E) 080-100	.7	3.0	.7									4.4	6.9	8.0
110-130	1.0	2.2	2.4		.1							5.8	8.4	9.0
140-160	.2	2.2	4.0	1.2	.1							7.7	11.2	11.0
(S) 170-190	1.0	1.5	5.1	2.7	.3							10.7	11.7	12.0
200-220	.9	1.5	2.3	.7								5.5	9.7	10.0
230-250	.8	.3										1.2	3.9	4.0
(W) 260-280	.3	.3	.2									.9	6.5	6.0
290-310	.5	.5	.6	.2								1.7	8.3	8.0
320-340	.8	2.3	2.2	1.3	.2							6.9	10.4	10.0
VARIABLE														
CALM	////////////////////											2.1	////	////
TOTALS	9.4	26.1	37.2	16.0	6.9	1.6	.1					100.0	11.1	11.0

TOTAL NUMBER OF OBSERVATIONS 859

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723535

STATION NAME: VANCE AFB OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: FEB HOURS: 00-02

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	2.4	4.6	4.5	2.1	1.1	.4	.1					15.1	10.8	10.0
020-040	1.5	6.4	3.7	1.8		.1						13.5	9.0	8.0
050-070	.9	1.5	.7									3.2	6.9	7.0
(E) 080-100	.6	1.1	.1									1.8	6.0	6.0
110-130	1.4	4.1	1.2	.1								6.9	7.1	7.0
140-160	2.4	7.9	2.2	.7								13.2	7.6	8.0
(S) 170-190	1.8	6.0	4.3	1.1								13.1	8.9	8.0
200-220	.9	3.0	.1	.2	.1							4.4	6.9	6.0
230-250	1.5	1.5										3.1	4.7	4.5
(W) 260-280	1.5	2.4										3.9	5.0	5.0
290-310	2.2	2.0	.4	.1								4.7	5.3	5.0
320-340	1.2	2.8	2.0	1.4								7.4	9.4	8.0
VARIABLE														
CALM	////////////////////////////////////											9.7	////////////////////////////////	
TOTALS	18.3	43.3	19.2	7.5	1.2	.5	.1					100.0	7.4	7.0

TOTAL NUMBER OF OBSERVATIONS 846

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723535

STATION NAME: VANCE AFB OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: FEB HOURS: 03-05

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	2.7	3.2	5.0	3.0	1.2	.2						15.2	11.1	11.0
020-040	2.4	4.6	3.2	1.5	.2							11.9	9.1	9.0
050-070	.6	2.2	.5	.4								3.7	7.4	6.0
(E) 080-100	.8	1.5	.2	.1								2.7	6.4	6.0
110-130	.8	2.7	1.1									4.6	7.3	7.0
140-160	1.4	7.1	3.0	.6								12.1	8.1	7.0
(S) 170-190	2.0	6.4	3.3	.7	.1							12.5	8.2	7.0
200-220	1.3	1.8	1.1	.7	.1							5.0	8.2	7.0
230-250	1.5	1.2	.1									2.8	4.5	4.0
(W) 260-280	2.5	2.8	.4									5.7	5.2	5.0
290-310	3.2	3.1	.6	.4								7.2	6.0	5.0
320-340	2.4	3.9	1.8	1.1	.8	.1						10.0	9.3	8.0
VARIABLE														
CALM	////////////////////											6.5	////////	
TOTALS	21.6	40.5	20.3	8.5	2.4	.3						100.0	7.8	7.0

TOTAL NUMBER OF OBSERVATIONS 846

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM BOURLY OBSERVATIONS

STATION NUMBER: 723535

STATION NAME: VANCE AFB OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: FEB HOURS: 06-08

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	2.4	5.2	6.4	1.7	2.4	.1	.1					18.2	11.2	11.0
020-040	1.4	3.7	3.8	1.5	.4							10.8	10.0	10.0
050-070	.7	1.3	.4	.1	.2							2.7	8.0	7.0
(E) 080-100	.6	1.7	.6									2.8	6.5	6.5
110-130	1.8	3.2	1.2									6.1	6.3	6.0
140-160	1.7	6.7	2.4	.1								10.9	7.6	7.0
(S) 170-190	1.8	6.3	2.8	1.1								11.9	8.3	8.0
200-220	.8	1.9	1.3	.1	.4	.1						4.5	9.1	8.0
230-250	1.3	1.3										2.6	4.7	4.5
(W) 260-280	.9	3.3										4.3	5.6	6.0
290-310	2.7	3.5	1.5	.2								8.0	6.4	5.0
320-340	2.4	4.0	2.8	1.3	.5	.1						11.1	9.3	8.0
VARIABLE														
CALM	////////////////////////////////////											5.9	////////	
TOTALS	18.5	42.1	23.2	6.1	3.9	.3	.1					100.0	8.0	8.0

TOTAL NUMBER OF OBSERVATIONS 846

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723535

STATION NAME: VANCE AFB OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: FEB HOURS: 09-11

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.1	3.8	7.1	3.4	3.2	.4						18.9	13.2	13.0
020-040	1.1	3.5	4.0	1.2	.7							10.5	10.6	11.0
050-070	.4	2.5	.7	.5								4.0	8.7	8.0
(E) 080-100	.6	1.4	.8									2.8	7.5	7.5
110-130	.8	2.0	2.1	.1								5.1	8.0	7.0
140-160	1.7	2.7	1.5	1.1	.2							7.2	9.1	8.0
(S) 170-190	.9	3.4	5.6	3.2	.8							13.9	11.9	12.0
200-220	1.1	2.4	3.2	1.2	.5							8.3	10.1	10.0
230-250	.7	1.1	.5	.1	.1							2.5	7.9	6.0
(W) 260-280	.7	3.0	.9		.1	.1						4.8	7.8	7.0
290-310	1.7	3.5	1.2	.6	.1							7.1	7.9	7.0
320-340	1.7	2.6	4.7	2.0	1.2	.4	.1					12.6	11.8	12.0
VARIABLE														
CALM	////////////////////////////////////											2.1	////////////////////////////////	
TOTALS	12.5	31.9	32.3	13.4	6.9	.9	.1					100.0	10.4	10.0

TOTAL NUMBER OF OBSERVATIONS 846

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723535

STATION NAME: ANCE AFB OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: FEB HOURS: 12-14

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL &	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.7	4.6	6.5	4.6	2.6	.4						19.4	13.1	13.0
020-040	.8	3.8	3.9	1.4	.5	.1						10.5	10.7	10.0
050-070	.6	1.7	.7									3.0	7.1	7.0
(E) 080-100	.6	1.1	1.3									3.0	7.8	8.0
110-130	.8	1.5	1.5									3.9	7.5	8.0
140-160	.5	1.1	1.8	.8	.1							4.3	11.2	11.5
(S) 170-190	1.1	2.8	6.0	4.3	1.4	.4						16.0	12.9	13.0
200-220	.5	1.9	4.3	2.7	1.4	.2						11.0	13.4	13.0
230-250	.4	1.2	.5	.5								2.5	9.2	8.0
(W) 260-280	1.1	2.2	.6	.1								4.0	6.6	6.5
290-310	1.1	2.4	2.4	.6	.2	.4						7.0	9.9	10.0
320-340	1.2	2.8	5.3	3.1	.7	.2						13.4	12.0	12.0
VARIABLE														
CALM	////////////////////											2.2	////////	
TOTALS	9.4	27.1	34.6	18.1	6.9	1.7						100.0	11.2	11.0

TOTAL NUMBER OF OBSERVATIONS 846

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723535

STATION NAME: VANCE AFB OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: FEB HOURS: 15-17

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL &	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.3	5.0	7.2	4.1	2.1	.4						20.1	12.2	12.0
020-040	.7	4.0	4.4	1.5	.1							10.8	10.3	10.0
050-070	.8	2.6	1.1									4.5	7.0	7.0
(E) 080-100	.7	1.1	.2									2.0	6.9	7.0
110-130	.8	2.0	.9	.1								3.9	7.4	7.0
140-160	1.2	2.5	2.5	.9	.1	.1						7.3	10.0	9.5
(S) 170-190	1.9	1.8	6.4	4.4	1.2	.1						15.7	12.4	13.0
200-220	1.9	2.5	4.4	1.7	.4	.1						10.9	10.6	11.0
230-250	.8	.9	.6	.6	.2							3.2	9.4	8.0
(W) 260-280	.6	1.1	.5									2.1	6.6	6.0
290-310	1.5	2.5	.8	.5	.4							5.7	8.3	6.5
320-340	2.1	3.5	3.8	1.3	1.3	.2						12.3	10.6	10.0
VARIABLE														
CALM	////////////////////											1.5	////////	
TOTALS	14.3	29.5	32.8	15.1	5.8	.9						100.0	10.4	10.0

TOTAL NUMBER OF OBSERVATIONS 846

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723535

STATION NAME: VANCE AFB OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: FEB HOURS: 18-20

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	2.2	5.7	6.4	3.5	1.4	.4						19.6	11.2	10.5
020-040	3.1	5.1	2.7	.5								11.3	7.3	7.0
050-070	2.1	3.0	.5									5.6	5.7	6.0
(E) 080-100	2.0	1.4	.2									3.7	4.6	4.0
110-130	2.0	3.9	.7	.1								6.7	6.4	6.0
140-160	2.6	5.2	2.8	.4								11.0	7.6	7.0
(S) 170-190	3.3	7.8	3.2	1.2								15.5	7.8	7.0
200-220	.9	2.2	.5									3.7	5.9	6.0
230-250	.6	.2		.4								1.2	7.3	4.5
(W) 260-280	1.5	.5										2.0	3.5	3.0
290-310	2.1	.8	.1	.1								3.2	4.7	4.0
320-340	3.2	2.5	1.2	.6	.4	.1						7.9	7.8	6.0
VARIABLE														
CALM	////////////////////											8.6	////////	
TOTALS	25.6	38.3	18.3	6.8	1.8	.5						100.0	7.1	7.0

TOTAL NUMBER OF OBSERVATIONS 846

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723535

STATION NAME: VANCE AFB OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: FEB HOURS: 21-23

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.7	5.6	5.3	3.3	1.2	.2	.1					17.4	11.2	10.0
020-040	2.5	3.8	3.7	.8								10.8	8.4	8.0
050-070	1.3	3.0	.8									5.1	6.3	6.0
(E) 080-100	1.3	2.4	.2									3.9	5.6	6.0
110-130	2.2	4.8	1.4									8.5	6.4	6.0
140-160	1.8	7.6	3.0	.8								13.1	8.0	7.0
(S) 170-190	2.6	6.1	3.4	.9	.6							13.7	8.7	8.0
200-220	.9	3.1	.8			.1						5.0	7.2	6.0
230-250	.5	.4										.8	4.9	4.0
(W) 260-280	1.5	1.1		.1								2.7	4.6	4.0
290-310	1.1	2.2	.2	.2	.2							4.0	7.1	6.0
320-340	1.8	1.8	.9	.6	.2							5.3	8.2	6.0
VARIABLE														
CALM	////////////////////											9.7	////////	
TOTALS	19.2	41.9	19.7	6.7	2.2	.3	.1					100.0	7.4	7.0

TOTAL NUMBER OF OBSERVATIONS 846

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723535

STATION NAME: VANCE AFB OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: FEB HOURS: ALL

WIND SPEED IN KNOTS														
DIRECTION	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL	MEAN	MEDIAN
(DEGREES)												%	WIND	WIND
(N) 350-010	1.8	4.7	6.0	3.2	1.9	.3	.0					18.0	11.8	12.0
020-040	1.7	4.4	3.7	1.3	.2	.0						11.3	9.4	9.0
050-070	.9	2.2	.7	.1	.0							4.0	7.0	6.5
(E) 080-100	.9	1.4	.5	.0								2.8	6.3	6.0
110-130	1.3	3.0	1.3	.1								5.7	6.9	6.0
140-160	1.6	5.1	2.4	.7	.1	.0						9.9	8.3	8.0
(S) 170-190	1.9	5.1	4.4	2.1	.5	.1						14.1	10.0	10.0
200-220	1.0	2.3	2.0	.8	.4	.1						6.6	9.8	9.0
230-250	.9	1.0	.2	.2	.0							2.3	6.7	5.0
(W) 260-280	1.3	2.0	.3	.0	.0	.0						3.7	5.8	5.0
290-310	2.0	2.5	.9	.3	.1	.0						5.9	7.1	6.0
320-340	2.0	3.0	2.8	1.4	.6	.1	.0					10.0	10.1	10.0
VARIABLE														
CALM	////////////////////////////////////											5.8	////////	
TOTALS	17.3	36.7	25.2	10.2	3.8	.6						100.0	8.7	8.0

TOTAL NUMBER OF OBSERVATIONS 6768

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723535

STATION NAME: VANCE AFB OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: FEB HOURS: ALL

CATEGORY A: CEILING GE 200 BUT LESS THAN 1500 FEET WITH VISIBILITY GE 1/2 MILE (0800 METERS).
AND/OR
VISIBILITY GE 1/2 MILE (0800 METERS) BUT LESS THAN 3 MILES (4800 METERS) WITH CEILING GE 200 FEET.

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65		
(N) 350-010	1.7	8.0	16.4	7.1	5.9	1.5	.2				40.8	13.5	12.0
020-040	1.0	6.1	6.3	1.8	.9	.2					16.4	10.9	10.0
050-070	.8	1.7	.6	.2							3.2	7.0	7.0
(E) 080-100	.5	1.9	.7								3.0	7.1	7.0
110-130	.3	1.9	1.4								3.6	8.6	9.0
140-160	.7	2.2	1.4	.3	.1	.1					4.7	9.4	9.0
(S) 170-190	.9	1.9	2.6	.8	.1						6.1	10.1	10.0
200-220		.6	.4								.9	9.1	8.0
230-250	.5	.5									.9	4.9	4.5
(W) 260-280	.3	.1	.3								.7	6.7	7.0
290-310	.7	.5	.9	.1	.3	.1					2.6	10.1	10.0
320-340	1.2	2.7	4.6	1.8	1.8	.3					12.5	12.4	12.0
VARIABLE													
CALM	////////////////////////////////////										4.5	////////////////////////////////	
TOTALS	8.6	28.1	35.6	12.1	9.1	2.2	.2				100.0	11.1	11.0

TOTAL NUMBER OF OBSERVATIONS 1058

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723535

STATION NAME: VANCE APB OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: MAR HOURS: 00-02

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.9	4.1	3.4	2.5	.8	.4						13.1	11.2	10.0
020-040	1.2	2.7	2.6	1.3	.1	.1						8.0	10.0	10.0
050-070	.9	3.2	1.6	.2								5.9	7.8	7.0
(E) 080-100	1.1	3.0	.6	.1								4.8	6.5	6.0
110-130	1.2	7.7	1.5									10.4	6.9	7.0
140-160	1.9	8.5	2.4	1.4	.1	.1						14.4	8.2	7.0
(S) 170-190	.9	6.7	4.5	1.9	1.0	.3	.1					15.4	10.7	10.0
200-220	1.5	2.0	.4	.5	.3	.1						4.9	8.8	8.0
230-250	1.4	1.4	.2									3.0	5.0	5.0
(W) 260-280	.6	1.1	.1	.3								2.2	7.2	6.0
290-310	1.1	1.8	.9	.4	.5	.1						4.8	10.0	7.0
320-340	.8	1.4	1.9	.9	.6	.3						5.9	12.0	11.0
VARIABLE														
CALM	////////////////////////////////////											7.1	////////////////////////////////	
TOTALS	14.5	43.6	20.1	9.5	3.4	1.4	.1					100.0	8.5	8.0
TOTAL NUMBER OF OBSERVATIONS 930														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723535

STATION NAME: VANCE AFB OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: MAR HOURS: 03-05

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	MEDIAN WIND	
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64				GE 65
(N) 350-010	1.7	2.5	3.8	2.5	1.2	.2	.1					11.9	11.9	12.0
020-040	1.0	2.6	2.4	.1	.2							6.2	8.9	8.0
050-070	.9	2.4	.8	.8	.1							4.8	8.7	8.0
(E) 080-100	2.0	3.5	1.9	.2								7.7	7.1	6.5
110-130	2.3	5.2	1.6									9.0	6.6	6.0
140-160	3.0	6.7	1.1	.3	.1							11.2	6.9	6.0
(S) 170-190	1.6	6.1	4.3	2.2	.9	.3						15.4	10.4	9.0
200-220	1.0	2.6	.6	.6	.2							5.1	8.2	7.0
230-250	1.3	.6	.3	.1								2.4	5.6	4.0
(W) 260-280	1.3	1.4	.5	.3	.2							3.8	7.8	5.0
290-310	1.5	2.6	.9	.3	.8	.3	.1					6.5	9.9	7.0
320-340	1.4	2.9	3.1	.5	1.0	.1						9.0	10.6	10.0
VARIABLE														
CALM	////////////////////////////////////										7.0	////////////////////////////////		
TOTALS	19.0	39.1	21.3	7.9	4.7	.9	.2					100.0	8.4	8.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723535

STATION NAME: VANCE AFB OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: MAR HOURS: 06-08

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.8	2.7	4.2	2.4	.9	.3						12.3	11.6	12.0
020-040	1.1	2.0	2.9	.8	.2	.1						7.1	10.2	10.0
050-070	.9	2.5	1.3									4.6	7.5	7.0
(E) 080-100	1.0	3.0	1.6	.3								5.9	7.8	7.0
110-130	1.4	6.3	1.1									8.8	6.6	6.0
140-160	3.1	8.4	1.9	.2	.3							14.0	7.0	6.0
(S) 170-190	1.5	5.2	3.4	1.9	.9	.2						13.1	10.5	9.0
200-220	1.1	1.7	1.3	1.0	.2							5.3	9.8	9.0
230-250	.5	1.4	.4	.1								2.5	7.0	6.0
(W) 260-280	.8	1.4	.3	.2	.2							2.9	7.9	6.0
290-310	2.3	2.9	1.7	.1	.8	.1						7.8	8.4	7.0
320-340	1.5	2.9	3.0	.8	.6	.4						9.2	10.7	10.0
VARIABLE														
CALM	////////////////////											6.5	////////	
TOTALS	17.0	40.4	23.1	7.8	4.1	1.1						100.0	8.5	8.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723535

STATION NAME: VANCE AFB OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: MAR HOURS: 09-11

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL &	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.8	3.8	4.6	2.8	1.3	.3	.1					13.7	12.4	12.0
020-040	1.1	2.0	2.9	1.2	.3	.1						7.6	10.5	11.0
050-070	.8	2.4	1.8	.3								5.3	8.6	9.0
(E) 080-100	.6	1.3	2.0	.3								4.3	9.2	10.0
110-130	.8	2.6	1.9	.4								5.7	8.8	9.0
140-160	.8	3.7	4.7	1.7	.5							11.4	10.9	10.0
(S) 170-190	.3	3.7	6.7	4.4	1.2	.4						16.7	13.2	13.0
200-220	.9	1.1	2.8	2.3	1.2	.2	.1					8.5	13.7	14.0
230-250	.9	1.3	1.2	.4	.2							4.0	9.2	8.0
(W) 260-280	.8	1.1	1.2	.1	.4							3.5	9.6	8.0
290-310	.8	1.8	2.4	.2	1.2	.4						6.8	12.1	12.0
320-340	.9	3.3	3.0	2.6	1.6	.4						11.8	12.8	12.0
VARIABLE														
CALM	////////////////////											.8	////////	
TOTALS	9.5	28.1	35.2	16.7	7.9	1.8	.2					100.0	11.5	11.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723535

STATION NAME: VANCE AFB OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: MAR HOURS: 12-14

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.7	3.0	3.8	2.4	1.9	.1						12.9	12.2	12.0
020-040	1.0	3.8	3.5	1.3	.4	.1						10.1	10.1	10.0
050-070	.4	1.7	1.2	.4								3.8	9.3	9.0
(E) 080-100	.4	1.1	.6	.1								2.3	8.0	8.0
110-130	.8	2.4	1.7	.2	.2							5.3	8.9	8.0
140-160	.6	2.7	4.5	2.4	1.0		.1					11.3	12.0	12.0
(S) 170-190	.4	1.8	7.2	6.3	2.6	.5	.2					19.1	14.9	15.0
200-220	.9	1.1	2.3	2.6	1.2	.2						8.2	13.4	14.0
230-250	.5	1.5	1.4	.4	.1	.1						4.1	10.2	9.5
(W) 260-280	.6	1.3	1.4	.2	.2	.3						4.1	10.5	10.0
290-310	1.0	1.7	1.7	1.8	.6	.4						7.3	12.2	12.0
320-340	1.5	1.4	2.8	2.6	2.2	.4						10.9	13.4	14.0
VARIABLE														
CALM	////////////////////////////////////											.8	////////////////////////////////	
TOTALS	9.8	23.5	32.1	20.7	10.4	2.1	.3					100.0	12.1	12.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723535

STATION NAME: VANCE AFB OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: MAR HOURS: 15-17

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65		
(N) 350-010	1.1	3.3	4.6	2.7	1.9	.6						14.3	13.0
020-040	.6	2.4	2.7	1.0	.5	.1						7.3	10.9
050-070	.8	2.3	1.5	.2								4.7	8.3
(E) 080-100	1.0	1.9	.4	.1								3.4	6.2
110-130	.9	2.7	1.5	.3	.2							5.6	8.8
140-160	.9	3.4	3.9	1.6	.8		.1					10.6	11.1
(S) 170-190	.5	3.4	6.1	6.0	3.4	.8	.1					20.4	14.3
200-220	.5	1.6	3.0	1.8	.9	.1						8.0	12.4
230-250	1.6	1.3	.5	.2								3.7	6.3
(W) 260-280	.8	1.5	.9	.6	.1	.2						4.1	10.0
290-310	1.2	1.2	2.2	.9	.9	.4						6.7	12.1
320-340	1.2	2.4	2.8	1.8	1.4	.2						9.8	12.1
VARIABLE													
CALM	////////////////////////////////////										1.4	////////////////////////////////	
TOTALS	11.1	27.4	30.1	17.2	10.1	2.4	.2					100.0	11.5

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723535

STATION NAME: VANCE AFB OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: MAR HOURS: 18-20

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	2.5	4.0	3.7	2.5	1.6	.6						14.8	11.4	10.5
020-040	2.5	3.5	1.7	.5	.2	.1						8.6	7.9	6.0
050-070	2.0	3.9	1.1	.2								7.2	6.5	6.0
(E) 080-100	1.9	2.8	.3									5.1	5.4	5.0
110-130	2.8	3.9	1.1	.1								7.8	6.5	6.0
140-160	3.4	6.6	5.1	1.9	.1							17.1	8.7	8.0
(S) 170-190	2.6	5.8	5.1	1.9	.5	.4		.1				16.5	9.8	9.0
200-220	1.0	1.7	.6			.1						3.4	7.1	6.0
230-250	.8	.4										1.2	4.6	4.0
(W) 260-280	1.1	.3	.2	.1	.1							1.8	6.7	4.0
290-310	.6	.9	1.1	.6	.1	.2	.1					3.7	11.7	11.0
320-340	1.7	1.1	1.5	1.3	.9	.1						6.6	10.8	10.0
VARIABLE														
CALM	////////////////////											6.2	////////	
TOTALS	22.9	34.9	21.5	9.1	3.5	1.5	.1	.1				100.0	8.3	7.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723535

STATION NAME: VANCE AFB OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: MAR HOURS: 21-23

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	2.3	2.9	3.5	2.2	1.2	.3						12.4	11.2	11.0
020-040	2.5	2.3	2.0	1.1	.3	.3						8.5	9.4	8.0
050-070	2.2	3.5	1.0	.3								7.0	6.9	6.0
(E) 080-100	1.8	3.7	.6	.2								6.3	6.4	6.0
110-130	1.9	5.7	1.4									9.0	6.7	6.0
140-160	2.8	9.1	4.4	1.7	.1							18.2	8.5	8.0
(S) 170-190	1.4	5.7	3.1	1.7	1.1	.3						13.3	10.7	9.0
200-220	.6	1.8	.3			.1						2.9	7.4	7.0
230-250	.8	.5	.4		.1							1.8	6.9	5.0
(W) 260-280	1.1	.9	.2	.1								2.3	6.0	5.0
290-310	.9	1.1	.9	.4	.5	.1	.1					4.0	10.8	10.0
320-340	1.1	1.3	1.7	.4	1.2							5.7	11.4	12.0
VARIABLE														
CALM	////////////////////											8.6	////////	
TOTALS	19.4	38.5	19.5	8.1	4.5	1.1	.1					100.0	8.2	8.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723535

STATION NAME: VANCE AFB OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: MAR HOURS: ALL

WIND SPEED IN KNOTS														
DIRECTION	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL	MEAN	MEDIAN
(DEGREES)												%	WIND	WIND
(N) 350-010	1.7	3.3	4.0	2.5	1.3	.4	.0					13.2	11.9	12.0
020-040	1.4	2.7	2.6	.9	.3	.1						7.9	9.7	9.0
050-070	1.1	2.7	1.3	.3	.0							5.4	7.8	7.0
(E) 080-100	1.2	2.5	1.0	.2								5.0	7.0	6.0
110-130	1.5	4.6	1.5	.1	.1							7.7	7.3	7.0
140-160	2.1	6.1	3.5	1.4	.4	.0	.0					13.5	9.0	8.0
(S) 170-190	1.2	4.8	5.1	3.3	1.4	.4	.1	.0				16.2	12.0	12.0
200-220	.9	1.7	1.4	1.1	.5	.1	.0					5.8	11.0	10.0
230-250	1.0	1.1	.6	.2	.1	.0						2.8	7.3	6.0
(W) 260-280	.9	1.1	.6	.3	.2	.1						3.1	8.6	6.0
290-310	1.2	1.7	1.5	.6	.7	.3	.0					5.9	10.9	10.0
320-340	1.3	2.1	2.5	1.4	1.2	.3						8.6	11.8	12.0
VARIABLE														
CALM	////////////////////////////////////											4.8	////////////////////////////////	
TOTALS	15.5	34.4	25.6	12.3	6.2	1.7	.1					100.0	9.6	9.0

TOTAL NUMBER OF OBSERVATIONS 7440

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723535

STATION NAME: VANCE AFB OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: MAR HOURS: ALL

CATEGORY A: CEILING GE 200 BUT LESS THAN 1500 FEET WITH VISIBILITY GE 1/2 MILE (0800 METERS).
AND/OR
VISIBILITY GE 1/2 MILE (0800 METERS) BUT LESS THAN 3 MILES (4800 METERS) WITH CEILING GE 200 FEET.

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL	MEAN	MEDIAN
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.9	6.0	5.2	7.3	3.8	.9						24.1	14.0	14.0
020-040	.4	2.4	5.8	2.1	1.1	.8						12.7	13.3	12.0
050-070	.5	2.7	3.2	.9	.1							7.5	10.2	10.0
(E) 080-100	.3	2.4	3.4	.6								6.7	9.9	10.0
110-130	.9	2.3	3.7	.1	.1							7.1	9.3	10.0
140-160	.5	2.6	4.5	2.6	.8							11.1	12.2	12.0
(S) 170-190	.1	2.7	3.6	2.5	1.2	.3						10.5	13.1	13.0
200-220	.3	.3	.8	.4	.1	.1						2.0	11.9	12.5
230-250	.2	.2	.1									.5	5.6	5.0
(W) 260-280	.3	.1	.7	.1	.5							1.7	13.1	12.0
290-310	.4	.1	1.4	.5	.8	.8	.2					4.3	17.1	16.5
320-340	.8	1.7	2.7	2.3	1.1	.2						8.9	13.1	13.0
VARIABLE														
CALM	////////////////////////////////////											2.9	////////////////////////////////	
TOTALS	5.6	23.5	35.1	19.4	9.6	3.1	.2					100.0	12.3	12.0

TOTAL NUMBER OF OBSERVATIONS 985

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723535

STATION NAME: VANCE AFB OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: APR HOURS: 00-02

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	2.8	4.0	1.7	1.4	.6	.1						10.6	8.8	7.0
020-040	2.7	2.4	1.8	.8	.4							8.1	8.3	8.0
050-070	1.9	2.9	.8	.2								5.8	6.2	5.0
(E) 080-100	1.3	4.0	1.1									6.4	6.8	6.5
110-130	2.1	4.0	1.7	.1		.1						8.0	7.1	6.0
140-160	4.6	7.3	3.7	.8	.4							16.8	7.5	6.0
(S) 170-190	2.4	6.1	3.9	2.4	.7							15.6	9.5	9.0
200-220	1.3	3.9	.8	.1								6.1	6.6	6.0
230-250	.6	1.0	.3									1.9	6.4	5.0
(W) 260-280	1.3	1.0	.2									2.6	5.0	4.0
290-310	1.9	1.6	.7	.2	.1	.1						4.6	7.1	6.0
320-340	1.6	2.6	1.2	1.0	.4	.3	.1					7.2	10.4	8.0
VARIABLE														
CALM	////////////////////											6.4	////////	
TOTALS	24.5	40.8	17.9	7.0	2.6	.6	.1					100.0	7.4	7.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723535

STATION NAME: VANCE AFB OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: APR HOURS: 03-05

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	2.1	3.0	2.8	1.6	.6	.1						10.1	9.9	9.0
020-040	1.4	2.7	2.8	.8	.4							8.1	9.8	9.0
050-070	1.8	2.8	.7									5.2	5.5	5.0
(E) 080-100	1.8	4.1	.6	.2								6.7	6.4	6.0
110-130	1.7	4.3	.9	.1	.1							7.1	7.2	7.0
140-160	2.8	7.0	3.3	1.0	.1							14.2	8.2	8.0
(S) 170-190	3.1	5.1	5.2	1.1	.1							14.7	8.5	8.0
200-220	2.0	3.6	1.8	.4								7.8	7.4	7.0
230-250	1.6	1.8	.4	.1								3.9	5.8	6.0
(W) 260-280	1.6	1.4			.1							3.1	5.2	4.5
290-310	2.3	1.7	.8	.4								5.2	6.6	5.0
320-340	1.8	2.1	2.2	1.1	.2	.6	.2					8.2	11.1	10.0
VARIABLE														
CALM	////////////////////											5.7	////	////
TOTALS	24.0	39.6	21.5	6.8	1.6	.7	.2					100.0	7.7	7.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723535

STATION NAME: VANCE AFB OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: APR HOURS: 06-08

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.1	4.0	3.4	1.8	.3	.1		.2				11.0	10.6	10.0
020-040	1.4	3.2	1.4	.6	.4	.1						7.2	8.8	7.0
050-070	1.7	2.2	.8	.1								4.8	6.2	5.0
(E) 080-100	1.4	3.1	1.4	.3								6.3	7.5	7.0
110-130	1.4	4.1	1.8	.1	.1							7.6	7.6	7.0
140-160	3.3	5.2	3.2	1.3	.1							13.2	8.1	7.0
(S) 170-190	2.3	5.0	5.8	1.3	.7							15.1	9.8	10.0
200-220	1.8	1.7	1.9	.7								6.0	8.6	9.0
230-250	1.4	2.0	.2	.3	.1							4.1	6.9	6.0
(W) 260-280	1.4	2.0	.2	.4	.1							4.2	7.1	6.0
290-310	1.3	2.2	1.1	.1								4.8	7.1	6.0
320-340	1.7	2.8	2.7	1.7	.9	.4	.1					10.2	11.4	11.0
VARIABLE														
CALM	////////////////////////////////////											5.4	////////////////////////////////	
TOTALS	20.2	37.5	23.9	8.7	2.7	.6	.1	.2				100.0	8.3	8.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723535

STATION NAME: VANCE AFB OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: APR BOURS: 09-11

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.1	2.3	5.0	2.2	1.2		.3					12.2	12.5	12.0
020-040	.4	2.8	2.1	2.0	.3							7.7	11.1	10.0
050-070	.6	2.9	1.7	.1								5.2	8.0	8.0
(E) 080-100	.7	1.1	1.3	.7								3.8	9.8	10.0
110-130	1.2	3.7	1.8	.1								6.8	7.5	8.0
140-160	.7	3.9	4.1	1.3	.6							10.6	10.7	10.0
(S) 170-190	1.3	3.8	5.8	5.0	1.9	.4						18.2	12.9	13.5
200-220	.9	2.4	3.3	1.8	.3	.1						8.9	11.5	12.0
230-250	1.0	1.7	2.0	.2	.2							5.1	9.5	9.0
(W) 260-280	.8	.9	.8	.4								2.9	9.1	8.5
290-310	.6	2.2	2.3	.4	.3	.1						6.0	10.3	10.0
320-340	.6	2.8	3.7	3.0	1.8	.3						12.1	13.5	13.0
VARIABLE														
CALM	////////////////////////////////////											.6	////////////////////////////////	
TOTALS	9.9	30.5	33.9	17.2	6.6	.9	.3					100.0	11.2	11.0
TOTAL NUMBER OF OBSERVATIONS 900														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723535

STATION NAME: VANCE AFB OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: APR HOURS: 12-14

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.4	2.8	4.1	4.4	.6		.1	.2				12.7	13.1	13.0
020-040	1.0	3.7	3.2	1.4	.2							9.6	9.8	10.0
050-070	.8	1.9	1.4	.1								4.2	7.9	7.0
(E) 080-100	.6	1.6	1.1	.1								3.3	7.9	8.0
110-130	1.1	3.2	1.8	.8								6.9	8.6	8.0
140-160	.8	1.9	2.6	1.9	.6	.2						7.9	11.8	12.0
(S) 170-190	1.1	3.8	6.0	5.8	2.7	.6						19.9	13.6	14.0
200-220	.8	2.7	4.7	1.4	.7							10.2	11.2	11.0
230-250	.8	1.6	1.1	.9	.4	.1	.1					5.0	11.5	11.0
(W) 260-280	.1	1.0	.4	.3	.3							2.2	11.4	9.5
290-310	.8	2.0	2.0	.4	.1							5.3	9.2	9.0
320-340	.3	3.3	3.8	2.3	2.1	.1						12.0	12.8	12.0
VARIABLE														
CALM	////////////////////////////////////											.8	////////////////////////////////	
TOTALS	8.6	29.5	32.2	19.8	7.7	1.0	.2	.2				100.0	11.4	11.0
TOTAL NUMBER OF OBSERVATIONS 900														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723535

STATION NAME: VANCE AFB OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: APR HOURS: 15-17

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.4	3.9	6.6	2.4	.7		.2	.1				14.3	11.9	12.0
020-040	.6	3.7	2.3	.8	.2							7.6	9.8	9.0
050-070	1.3	2.4	1.8									5.6	7.6	7.5
(E) 080-100	1.2	1.2	1.3	.1								3.9	7.0	6.0
110-130	.6	1.7	2.8	.6	.1							5.7	9.9	10.0
140-160	1.4	2.8	3.2	1.8	.6	.2						10.0	11.0	12.0
(S) 170-190	1.0	5.6	9.3	5.7	1.4	.9						23.9	12.7	12.0
200-220		1.7	3.4	.4	.2							5.8	11.2	11.0
230-250	.8	.8		.3		.1						2.0	7.8	6.0
(W) 260-280	.9	.4	.6	.1	.3	.2	.1					2.7	11.3	9.5
290-310	1.6	1.7	1.3	.7	.1			.1				5.4	9.3	8.0
320-340	1.4	3.4	4.2	2.3	1.1	.1						12.7	11.3	12.0
VARIABLE														
CALM	////////////////////////////////////											.6	////////	
TOTALS	11.2	29.3	36.8	15.2	4.7	1.5	.3	.2				100.0	10.9	10.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723535

STATION NAME: VANCE AFB OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: APR HOURS: 18-20

		WIND SPEED IN KNOTS													
DIRECTION (DEGREES)		1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010		2.2	6.0	3.3	1.7	.3	.3		.1				14.0	9.6	8.0
020-040		2.0	4.7	2.8	.6	.1							10.1	8.1	7.0
050-070		1.9	4.3	.6	.2								7.0	6.1	6.0
(E) 080-100		1.0	3.0	.3									4.3	6.2	6.0
110-130		2.3	2.3	2.2	.4								7.3	7.7	7.5
140-160		3.1	6.7	3.2	1.2	.6							14.8	8.3	7.0
(S) 170-190		3.9	10.0	4.7	1.2	.7							20.4	8.3	8.0
200-220		.7	1.4	.3	.1								2.6	6.3	6.0
230-250		.2		.2	.2								.7	9.7	11.0
(W) 260-280		.9	.3	.3	.1	.1							1.8	7.0	4.5
290-310		1.2	1.4	.7	.6	.2	.1	.1					4.3	9.6	6.0
320-340		3.2	2.9	.8	1.1	.1	.3						8.4	8.1	6.0
VARIABLE															
CALM		////////////////////////////////////											4.2	////////////////////////////////	
TOTALS		22.6	43.0	19.4	7.4	2.1	.7	.1	.1				100.0	7.8	7.0
TOTAL NUMBER OF OBSERVATIONS 900															

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723535

STATION NAME: VANCE AFB OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: APR HOURS: 21-23

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	4.0	3.4	2.7	.7	.2	.4	.1					11.6	8.4	7.0
020-040	3.3	3.3	1.6	.2	.3		.1	.1				9.0	7.6	6.0
050-070	1.1	4.4	.6	.1	.3							6.6	7.2	6.0
(E) 080-100	2.2	3.4	1.0									6.7	6.1	6.0
110-130	2.1	5.1	1.8	.4								9.4	7.3	7.0
140-160	3.3	9.6	3.2	.4	.2							16.8	7.2	7.0
(S) 170-190	1.8	7.9	3.7	1.4	.4							15.2	8.9	8.0
200-220	1.7	2.2	.6									4.4	6.1	6.0
230-250	.1	.4										.6	5.8	6.0
(W) 260-280	.6	1.2	.4									2.2	6.4	5.5
290-310	1.9	1.2	.9	.4	.3	.1						4.9	8.5	6.0
320-340	2.0	2.0	.7	1.0								5.7	7.8	6.0
VARIABLE														
CALM	////////////////////////////////////											7.0	////////////////////////////////	
TOTALS	24.1	44.1	17.2	4.6	1.7	.5	.2	.1				100.0	7.1	6.0
TOTAL NUMBER OF OBSERVATIONS 900														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723535

STATION NAME: VANCE AFB OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: APR HOURS: ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.8	3.7	3.7	2.0	.6	.1	.1	.1				12.1	10.7	10.0
020-040	1.6	3.3	2.3	.9	.3	.0	.0	.0				8.4	9.1	8.0
050-070	1.4	3.0	1.0	.1	.0							5.5	6.8	6.0
(E) 080-100	1.3	2.7	1.0	.2								5.2	7.1	7.0
110-130	1.6	3.6	1.8	.3	.0	.0						7.3	7.8	7.0
140-160	2.5	5.5	3.3	1.2	.4	.1						13.0	8.7	8.0
(S) 170-190	2.1	5.9	5.5	3.0	1.1	.2						17.9	10.7	10.0
200-220	1.1	2.4	2.1	.6	.2	.0						6.5	9.1	8.0
230-250	.8	1.2	.5	.3	.1	.0	.0					2.9	8.4	7.0
(W) 260-280	.9	1.0	.4	.2	.1	.0	.0					2.7	7.7	6.0
290-310	1.4	1.8	1.2	.4	.2	.1	.0	.0				5.1	8.5	7.0
320-340	1.6	2.7	2.4	1.7	.8	.3	.1					9.6	11.2	10.0
VARIABLE														
CALM	////////////////////											3.8	////////	
TOTALS	18.1	36.8	25.2	10.9	3.8	.8	.2	.1				100.0	9.0	8.0

TOTAL NUMBER OF OBSERVATIONS 7200

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723535

STATION NAME: VANCE AFB OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: APR HOURS: ALL

CATEGORY A: CEILING GE 200 BUT LESS THAN 1500 FEET WITH VISIBILITY GE 1/2 MILE (0800 METERS).
AND/OR
VISIBILITY GE 1/2 MILE (0800 METERS) BUT LESS THAN 3 MILES (4800 METERS) WITH CEILING GE 200 FEET.

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.1	4.8	6.0	3.5	1.8	.5	1.1	.9				19.7	14.6	13.0
020-040	1.6	4.1	2.7	1.8	2.3	.2		.2				12.8	12.1	10.0
050-070	1.6	2.8	1.8	.2								6.4	7.3	6.5
(E) 080-100	1.4	2.5	2.7	.7								7.3	8.8	9.0
110-130	1.0	5.0	5.5	.5	.2	.2						13.1	9.0	9.0
140-160	1.1	4.3	4.3	.5								10.1	9.0	9.0
(S) 170-190	.7	2.8	4.6	1.1	.4							9.6	10.4	10.5
200-220	.4	.7	.5	.5								2.1	10.1	9.5
230-250	.7	.2	.2									1.1	5.2	4.0
(W) 260-280	.2	.7	.9	.2			.2					2.1	11.3	10.0
290-310	.4	1.2	2.1	1.1	.7	.4		.2				6.0	14.3	13.5
320-340	1.1	1.6	2.1	1.0	.4	.5	.5					8.0	13.6	12.0
VARIABLE														
CALM	////////////////////											1.8	////////	
TOTALS	12.1	30.7	33.4	11.9	5.8	1.8	1.8	1.3				100.0	11.1	10.0

TOTAL NUMBER OF OBSERVATIONS 564

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723535

STATION NAME: VANCE AFB OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: MAY HOURS: 00-02

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	2.0	2.0	1.5	.1		.1						5.8	7.3	7.5
020-040	1.7	3.7	1.2	.5	.3							7.4	7.8	7.0
050-070	1.6	2.8	.6									5.1	6.4	6.0
(E) 080-100	2.5	2.9	.1	.1								5.6	4.9	5.0
110-130	3.2	6.8	1.3	.1	.1							11.5	6.3	6.0
140-160	4.7	11.1	4.5	.6	.2							21.2	7.2	7.0
(S) 170-190	2.0	8.5	4.0	2.4	.9							17.7	9.4	8.0
200-220	1.7	1.8	.9									4.4	6.4	6.0
230-250	1.6	.2	.2									2.0	3.8	3.0
(W) 260-280	1.2	.4	.3	.4								2.4	7.3	4.5
290-310	1.4	.8	.1	.2								2.5	5.3	4.0
320-340	1.7	1.7	1.6	.1								5.2	7.1	6.5
VARIABLE														
CALM	////////////////////////////////////											9.2	////////////////////////////////	
TOTALS	25.3	42.7	16.3	4.5	1.5	.1						100.0	6.6	6.0
TOTAL NUMBER OF OBSERVATIONS 930														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723535

STATION NAME: VANCE AFB OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: MAY HOURS: 03-05

WIND SPEED IN KNOTS														
DIRECTION (DEGREES)	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010	1.8	2.8	1.2	.9	.1							6.8	8.1	7.0
020-040	3.0	3.3	1.2	.2								7.7	6.0	5.0
050-070	1.3	2.3	.6	.2								4.4	6.6	6.0
(E) 080-100	1.9	3.3	.2									5.5	5.7	6.0
110-130	2.6	6.6	1.7	.3								11.2	6.7	6.5
140-160	3.0	10.2	2.8	.1	.1							16.2	7.2	7.0
(S) 170-190	2.7	9.6	5.6	1.4	.1	.1						19.5	8.6	8.0
200-220	1.7	3.3	.9	.4								6.3	7.1	6.0
230-250	1.3	.4	.4									2.2	5.3	4.0
(W) 260-280	1.5	1.3	.3	.3								3.4	6.4	5.5
290-310	2.7	.6	.1									3.4	4.1	4.0
320-340	1.2	1.6	1.7	.5								5.1	9.0	8.0
VARIABLE														
CALM	////////////////////////////////////											8.3	////////	
TOTALS	24.7	45.3	16.7	4.3	.3	.1						100.0	6.6	6.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723535

STATION NAME: VANCE AFB OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: MAY HOURS: 06-08

WIND SPEED IN KNOTS														
DIRECTION (DEGREES)	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010	2.4	3.3	1.7	.8	.2							8.4	8.0	7.0
020-040	1.3	2.4	2.5	.3	.1							6.6	8.2	8.0
050-070	1.4	2.6	.6	.1								4.7	6.3	6.0
(E) 080-100	1.5	3.0	.9	.1								5.5	6.3	6.0
110-130	2.7	6.3	1.6	.1	.1							10.9	6.8	6.0
140-160	2.8	8.0	3.4	.4		.1						14.7	7.9	8.0
(S) 170-190	1.5	6.5	8.2	2.2	.3							18.6	10.1	10.0
200-220	.6	3.3	1.6	.8	.3							6.7	9.2	8.0
230-250	1.2	2.4	.6									4.2	5.9	6.0
(W) 260-280	1.0	1.2	.5	.2	.1							3.0	7.2	6.0
290-310	2.0	1.5	.6	.3								4.5	6.4	6.0
320-340	1.7	2.3	1.9	.9	.2							7.0	8.8	8.0
VARIABLE														
CALM	////////////////////////////////////											5.3	////////	
TOTALS	20.1	42.8	24.1	6.2	1.3	.1						100.0	7.6	7.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723535

STATION NAME: VANCE AFB OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: MAY HOURS: 09-11

WIND SPEED IN KNOTS														
DIRECTION (DEGREES)	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010	1.3	2.6	3.1	1.3	.5							8.8	10.5	10.5
020-040	1.1	3.7	2.6	.1								7.4	8.0	8.0
050-070	1.2	2.8	1.6	.2								5.8	7.7	7.5
(E) 080-100	1.3	1.5	.4	.1								3.3	6.1	6.0
110-130	1.4	3.7	3.4									8.5	8.2	8.0
140-160	1.6	3.3	5.8	.8	.2	.1						11.8	9.8	10.0
(S) 170-190	1.3	4.4	9.4	4.5	1.8	.1						21.5	12.3	12.0
200-220	.6	3.0	4.7	2.7	.6	.1						11.8	12.0	12.0
230-250	1.0	2.3	1.3	.9	.1							5.5	9.0	8.0
(W) 260-280	.9	1.4	1.2									3.4	7.5	7.0
290-310	.5	1.7	1.0	.3	.1							3.7	8.5	7.0
320-340	1.3	.9	2.5	1.3	.3							6.2	10.9	12.0
VARIABLE														
CALM	////////////////////////////////////											2.2	////////////////////////////////	
TOTALS	13.5	31.3	37.0	12.2	3.6	.3						100.0	9.8	10.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723535

STATION NAME: VANCE AFB OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: MAY HOURS: 12-14

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										GE 65	TOTAL %	MEAN WIND	MEDIAN WIND	
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64					
(N) 350-010	.9	2.0	2.8	2.2	.4	.1						8.4	11.7	12.0	
020-040	1.1	3.1	2.3	.2								6.7	8.3	8.0	
050-070	1.3	2.7	.3	.1								4.4	6.1	6.0	
(E) 080-100	1.6	2.9	1.2	.1								5.8	6.9	6.0	
110-130	1.8	3.9	1.6	.2								7.5	7.2	7.0	
140-160	1.1	4.4	6.3	2.0	.2							14.1	10.1	10.0	
(S) 170-190	1.6	3.8	10.5	5.7	1.6	.4						23.7	12.8	13.0	
200-220	.9	2.9	3.2	2.8	.2							19.0	11.0	11.0	
230-250	.9	1.7	1.1	.2								3.9	7.7	8.0	
(W) 260-280	.5	1.4	.9	.4	.1							3.3	8.8	8.0	
290-310	.9	1.2	1.0	.1	.1							3.2	8.0	8.0	
320-340	1.4	2.6	1.3	1.2	.2							6.7	9.5	8.0	
VARIABLE															
CALM	////////////////////////////////////											2.4	////////////////////////////////		
TOTALS	14.0	32.6	32.5	15.2	2.8	.5						100.0	9.8	10.0	
TOTAL NUMBER OF OBSERVATIONS 930															

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723535

STATION NAME: VANCE AFB OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: MAY HOURS: 15-17

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.9	3.0	3.2	1.4		.1						8.6	10.1	10.0
020-040	1.5	3.2	2.5	.2								7.4	7.9	8.0
050-070	1.1	2.8	.5	.1								4.5	6.5	6.0
(E) 080-100	1.4	3.2	1.1	.1								5.8	6.7	6.0
110-130	1.6	4.8	4.3	.9	.2							11.8	8.8	8.0
140-160	1.1	4.3	5.8	2.4	.4							14.0	10.7	10.0
(S) 170-190	.8	4.4	9.7	7.2	1.3	.2	.1					23.7	12.9	13.0
200-220	.9	1.7	3.4	1.0	.5							7.5	10.8	10.0
230-250	.2	1.6	1.0	.1								2.9	8.5	8.0
(W) 260-280	1.1	1.0	.9	.1								3.0	7.2	7.0
290-310	.8	1.3	1.3	.1								3.4	8.0	8.0
320-340	1.0	2.2	1.3	1.2	.1							5.7	9.5	8.0
VARIABLE														
CALM	////////////////////////////////////											1.6	////////////////////////////////	
TOTALS	12.4	33.5	35.0	14.8	2.5	.3	.1					100.0	9.8	10.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723535

STATION NAME: VANCE AFB OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: MAY HOURS: 18-20

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	2.2	3.0	1.8	.3								7.3	7.1	6.0
020-040	1.3	3.3	1.5	.5								6.7	7.8	7.0
050-070	2.8	4.3	.8									7.8	5.8	6.0
(E) 080-100	2.3	3.1	.9	.2	.1							6.6	6.5	5.0
110-130	3.7	7.4	3.3	.4								14.8	7.1	7.0
140-160	4.0	8.4	6.9	1.6	.1							21.0	8.7	8.0
(S) 170-190	3.1	6.9	6.1	2.6	.5							19.2	9.5	9.0
200-220	.5	.6	.5			.1						1.8	7.8	6.0
230-250	1.1	.4	.2									1.7	4.8	4.0
(W) 260-280	1.1	.6	.1									1.8	4.5	4.0
290-310	.5	.5	.5	.4	.1							2.2	9.3	9.0
320-340	1.3	1.6	1.1	.5								4.5	8.2	7.5
VARIABLE														
CALM	////////////////////////////////////											4.5	////////	
TOTALS	23.9	40.1	23.7	6.5	.8	.1						100.0	7.5	7.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723535

STATION NAME: VANCE AFB OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 87 - DEC 91
MONTH: MAY HOURS: 21-23

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.5	1.9	1.8		.1		.1					5.5	8.1	7.0
020-040	2.3	2.5	.5									5.3	5.8	5.0
050-070	2.0	4.1	.5	.1								6.8	6.1	6.0
(E) 080-100	2.5	2.5	.3									5.3	4.8	5.0
110-130	6.8	7.7	2.6	.1								17.2	6.0	5.5
140-160	6.3	12.4	6.8	1.0								26.5	7.3	7.0
(S) 170-190	2.3	4.1	4.3	1.3	.5							12.5	9.5	9.0
200-220	1.1	1.2	.5									2.8	6.3	5.0
230-250	1.4	.2	.2									1.8	4.9	4.0
(W) 260-280	1.8	.2	.4	.3								2.8	6.1	4.0
290-310	.5	.9	.4					.1				1.9	8.6	8.0
320-340	1.3	1.6	.9	.1								3.9	7.3	6.5
VARIABLE														
CALM	////////////////////////////////////											7.8	////	////
TOTALS	29.8	39.3	19.2	2.9	.6		.1	.1				100.0	6.4	6.0
TOTAL NUMBER OF OBSERVATIONS 930														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723535

STATION NAME: VANCE AFB OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: MAY HOURS: ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(W) 350-010	1.6	2.6	2.2	.9	.2	.0	.0					7.4	9.0	8.0
020-040	1.7	3.1	1.8	.3	.1							6.9	7.5	7.0
050-070	1.6	3.0	.7	.1								5.4	6.4	6.0
(E) 080-100	1.9	2.8	.6	.1	.0							5.4	6.0	6.0
110-130	3.0	5.9	2.5	.3	.1							11.7	7.0	7.0
140-160	3.1	7.8	5.3	1.1	.2	.0						17.4	8.4	8.0
(S) 170-190	1.9	6.0	7.2	3.4	.9	.1	.0					19.5	10.8	10.0
200-220	1.0	2.2	2.0	1.0	.2	.0						6.4	9.7	9.0
230-250	1.1	1.2	.6	.1	.0							3.0	6.8	6.0
(W) 260-280	1.1	.9	.6	.2	.0							2.9	7.0	6.0
290-310	1.2	1.1	.6	.2	.0			.0				3.1	7.1	6.0
320-340	1.4	1.8	1.5	.7	.1							5.5	8.9	8.0
VARIABLE														
CALM	////////////////////											5.2	////////	
TOTALS	20.6	38.4	25.6	8.4	1.8	.1						100.0	8.0	8.0

TOTAL NUMBER OF OBSERVATIONS 7440

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723535

STATION NAME: VANCE AFB OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: MAY HOURS: ALL

CATEGORY A: CEILING GE 200 BUT LESS THAN 1500 FEET WITH VISIBILITY GE 1/2 MILE (0800 METERS).
AND/OR
VISIBILITY GE 1/2 MILE (0800 METERS) BUT LESS THAN 3 MILES (4800 METERS) WITH CEILING GE 200 FEET.

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.3	3.3	4.6	2.9	1.0		.2					13.2	12.2	12.0
020-040	1.8	3.3	3.3	.5	.2							9.0	8.7	9.0
050-070	2.1	4.2	2.6	.2								9.2	7.4	7.0
(E) 080-100	2.9	4.9	1.1									9.0	6.0	6.0
110-130	3.3	7.7	4.4	.3	.2							15.8	7.7	7.0
140-160	2.3	5.7	8.0	1.1	.2							17.3	9.6	10.0
(S) 170-190	1.5	3.6	2.9	.7	.3							9.0	8.9	8.0
200-220	.8	1.0	.2	.2								2.1	6.4	6.0
230-250	.3	.5										.8	4.2	5.0
(W) 260-280	.2	.5	.3	.2								1.1	9.0	9.0
290-310	.7	1.1	.5									2.3	7.3	8.0
320-340	.8	1.8	4.6	.7	.2							8.0	11.0	12.0
VARIABLE														
CALM	////////////////////											3.1	////////	
TOTALS	18.0	37.6	32.5	6.8	2.1		.2					100.0	8.6	8.0

TOTAL NUMBER OF OBSERVATIONS 612

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723535

STATION NAME: VANCE AFB OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: JUN HOURS: 00-02

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44	50-64	GE 65			
(N) 350-010	.2	1.7	.8	.1	.1							2.9	8.3	7.5
020-040	1.1	1.3	.1	.1								2.7	6.0	5.5
050-070	2.7	1.8	.3	.1								4.9	5.0	4.0
(E) 080-100	2.9	2.2	.6									5.7	4.9	4.0
110-130	7.2	6.2	.4									13.9	4.7	4.0
140-160	9.6	13.8	2.2	.3								25.9	5.7	5.0
(S) 170-190	3.8	10.7	5.7	1.7	.2							22.0	8.4	8.0
200-220	1.3	3.1	1.3		.1							5.9	7.2	7.0
230-250	.4	.7	.2	.1								1.4	7.1	6.0
(W) 260-280	.9	.3	.2				.1					1.6	6.7	4.0
290-310	.6	.4	.3		.1							1.4	7.5	7.0
320-340	1.4	.9	.2									2.6	4.9	4.0
VARIABLE														
CALM	////////////////////											9.2	////////	
TOTALS	32.1	43.1	12.3	2.4	.5		.1					100.0	5.8	6.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723535

STATION NAME: VANCE AFB OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: JUN HOURS: 03-05

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	2.7	1.9	1.2		.1							5.9	6.0	6.0
020-040	1.6	1.7	.8	.2								4.2	6.6	7.0
050-070	1.1	1.6	.4									3.1	6.0	5.0
(E) 080-100	1.2	1.6										2.8	4.7	5.0
110-130	6.0	5.4	.4	.1								12.0	5.0	4.5
140-160	8.8	11.3	1.4	.1								21.7	5.3	5.0
(S) 170-190	5.4	9.7	6.1	1.1	.2	.1						22.7	8.0	8.0
200-220	2.2	1.3	.7	.3								4.6	5.9	5.0
230-250	.6	1.0	.3	.1								2.0	6.4	5.5
(W) 260-280	1.0	.7		.1								1.8	5.8	4.0
290-310	1.2	.2	.4	.1								2.0	6.1	4.0
320-340	1.9	1.1	.4		.1							3.6	5.3	4.0
VARIABLE														
CALM	////////////////////											13.8	////////	
TOTALS	33.7	37.5	12.1	2.1	.4	.1						100.0	5.3	5.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723535

STATION NAME: VANCE AFB OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: JUN HOURS: 06-08

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.6	2.9	.9	.1	.1							5.6	7.0	7.0
020-040	2.2	1.4	1.8	.1								5.6	6.8	6.5
050-070	1.1	2.3	.1									3.6	5.6	5.0
(E) 080-100	1.7	1.7	.1									3.4	5.1	5.0
110-130	3.8	4.0	.3									8.1	5.0	5.0
140-160	5.2	10.6	3.1	.4								19.3	6.6	6.0
(S) 170-190	4.2	9.6	8.8	2.0	.8							25.3	9.1	9.0
200-220	1.9	2.6	3.4	1.1								9.0	8.9	10.0
230-250	.8	.9	.2									1.9	5.3	6.0
(W) 260-280	1.4	.9	.1									2.4	4.5	4.0
290-310	1.6	1.3	.3									3.2	4.9	5.0
320-340	1.2	1.2	.7	.7								3.8	8.1	7.5
VARIABLE														
CALM	////////////////////////////////////											8.8	////	////
TOTALS	26.7	39.4	19.8	4.4	.9							100.0	6.6	7.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723535

STATION NAME: VANCE AFB OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: JUN HOURS: 09-11

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.1	3.3	2.1	.8	.1							7.4	9.0	8.0
020-040	1.4	2.8	1.8	.3								6.3	7.5	6.0
050-070	1.9	1.6	.7	.2								4.3	6.3	5.0
(E) 080-100	1.8	1.7	.7									4.1	5.7	5.0
110-130	2.2	2.4	.2	.1								5.0	5.2	5.0
140-160	2.1	4.4	2.0	.1								8.7	7.2	7.0
(S) 170-190	2.0	7.8	9.8	4.0	1.0							24.6	10.6	10.0
200-220	2.4	5.9	9.9	4.7	.9							23.8	11.1	12.0
230-250	1.8	3.0	.9	.2								5.9	6.6	6.0
(W) 260-280	1.0	1.4	.2	.1								2.8	5.8	6.0
290-310	.8	.8		.1								1.7	4.9	5.0
320-340	.8	.8	.7	.3	.1	.1						2.8	9.4	7.0
VARIABLE														
CALM	////////////////////											2.7	////////	
TOTALS	19.3	35.9	29.0	10.9	2.1	.1						100.0	8.7	8.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723535

STATION NAME: VANCE AFB OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: JUN HOURS: 12-14

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.7	2.4	1.8	.6								6.4	8.0	8.0
020-040	.7	2.8	1.8									5.2	8.0	7.0
050-070	1.9	3.1	1.2	.1								6.3	6.5	6.0
(E) 080-100	1.9	2.7	.4									5.0	5.5	5.0
110-130	2.0	2.9	.4	.1								5.4	5.8	6.0
140-160	3.0	5.2	4.7	.4								13.3	7.8	8.0
(S) 170-190	2.2	5.8	12.0	5.0	.9							25.9	11.2	12.0
200-220	1.4	3.6	8.2	3.9	.8	.1						18.0	11.7	12.0
230-250	1.7	.9	1.4	.3	.1							4.4	7.9	8.0
(W) 260-280	1.1	1.1	.6									2.8	6.0	6.0
290-310	.3	.8	.1					.1				1.3	8.4	7.0
320-340	.9	1.1	1.4		.1							3.6	8.5	8.0
VARIABLE														
CALM	////////////////////											2.2	////////	
TOTALS	18.8	32.4	34.0	10.4	1.9	.1	.1					100.0	8.9	9.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723535

STATION NAME: VANCE AFB OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: JUN HOURS: 15-17

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	2.1	2.6	2.7		.1							7.4	7.6	7.0
020-040	1.6	2.8	2.1	.4								6.9	8.0	7.0
050-070	2.1	3.0	1.1									6.2	6.4	6.5
(E) 080-100	1.7	1.4	.4									3.6	5.6	5.0
110-130	1.8	4.2	1.0		.1							7.1	6.5	6.0
140-160	1.8	6.6	7.0	1.8	.2							17.3	9.5	10.0
(S) 170-190	1.6	7.0	14.4	6.1	.9	.2						30.2	11.4	12.0
200-220	1.3	3.2	4.6	2.8	.3							12.2	10.9	12.0
230-250	.3	1.0	.7	.1								2.1	7.9	7.0
(W) 260-280	.7	.3	.3	.1								1.4	6.8	5.0
290-310	.7	1.0	.4	.1								2.2	6.8	6.0
320-340	.2	1.6	.4		.1							2.3	7.5	7.0
VARIABLE														
CALM	////////////////////////////////////											.9	////////////////////////////////	
TOTALS	15.9	34.7	35.1	11.4	1.7	.2						100.0	9.2	9.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723535

STATION NAME: VANCE AFB OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: JUN HOURS: 18-20

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(W) 350-010	2.2	2.0	1.4	.3								6.0	7.0	6.0
020-040	2.0	2.8	.8	.1								5.7	6.2	6.0
050-070	1.2	2.7	.7	.1								4.7	6.6	6.0
(E) 080-100	2.3	4.3	.3									7.0	5.5	6.0
110-130	3.4	6.0	.8									10.2	5.9	6.0
140-160	3.8	13.3	8.7	.9	.1							26.8	8.4	8.0
(S) 170-190	2.1	7.7	11.4	4.6	.2							26.0	10.6	10.5
200-220	.4	1.3	1.3	.4		.1						3.7	9.6	10.0
230-250	.7	.2	.1									1.0	3.7	3.0
(W) 260-280	.6	.1	.2									.9	5.1	4.0
290-310	.6	.1										.7	3.5	3.0
320-340	1.0	1.2	.7	.1	.1							3.1	7.3	6.0
VARIABLE														
CALM	////////////////////////////////////											4.3	////////////////////////////////	
TOTALS	20.3	41.7	26.4	6.5	.4	.1						100.0	7.7	8.0
TOTAL NUMBER OF OBSERVATIONS 900														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723535

STATION NAME: VANCE AFB OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: JUN HOURS: 21-23

WIND SPEED IN KNOTS														
DIRECTION (DEGREES)	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010	1.7	1.3	.8	.4	.1							4.3	7.6	5.0
020-040	1.4	2.0	.3									3.8	5.5	5.5
050-070	1.4	3.2	.3									5.0	5.8	5.0
(E) 080-100	4.3	3.0	.1									7.4	4.4	4.0
110-130	7.2	6.3	.7	.1								14.3	4.9	4.0
140-160	11.4	17.7	4.6	.4	.1							34.2	6.3	6.0
(S) 170-190	3.0	8.2	5.4	.9	.6							18.1	8.8	8.0
200-220	1.2	.6	.4			.1						2.3	6.6	4.0
230-250	.6	.1										.7	4.0	4.0
(W) 260-280	.4	.1	.2	.1								.9	6.6	4.0
290-310	.7	.2	.1									1.0	4.1	4.0
320-340	.7	.4	.3	.1	.1							1.7	7.7	5.0
VARIABLE														
CALM	////////////////////////////////////											6.2	////////////////////////////////	
TOTALS	34.0	43.1	13.2	2.0	.9	.1						100.0	6.0	6.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723535

STATION NAME: VANCE AFB OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: JUN HOURS: ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										GE 65	TOTAL	MEAN	MEDIAN	
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64					
(N) 350-010	1.7	2.3	1.5	.3	.1							5.7	7.6	7.0	
020-040	1.5	2.2	1.2	.2								5.0	7.0	6.0	
050-070	1.7	2.4	.6	.1								4.8	6.1	5.0	
(E) 080-100	2.2	2.3	.3									4.9	5.1	5.0	
110-130	4.2	4.7	.5	.1	.0							9.5	5.3	5.0	
140-160	5.7	10.4	4.2	.6	.1							20.9	6.9	6.0	
(S) 170-190	3.0	8.3	9.2	3.2	.6	.0						24.3	9.9	10.0	
200-220	1.5	2.7	3.7	1.7	.3	.0						9.9	10.2	10.0	
230-250	.8	1.0	.5	.1	.0							2.4	6.7	6.0	
(W) 260-280	.9	.6	.2	.1			.0					1.8	5.8	5.0	
290-310	.8	.6	.2	.0	.0		.0					1.7	5.9	5.0	
320-340	1.0	1.0	.6	.2	.1	.0						2.9	7.4	6.0	
VARIABLE															
CALM	////////////////////////////////////											6.0	////////////////////////////////		
TOTALS	25.0	38.5	22.7	6.6	1.2							100.0	7.3	7.0	

TOTAL NUMBER OF OBSERVATIONS 7200

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723535

STATION NAME: VANCE AFB OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: JUN HOURS: ALL

CATEGORY A: CEILING GE 200 BUT LESS THAN 1500 FEET WITH VISIBILITY GE 1/2 MILE (0800 METERS).
AND/OR
VISIBILITY GE 1/2 MILE (0800 METERS) BUT LESS THAN 3 MILES (4800 METERS) WITH CEILING GE 200 FEET.

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65		
(N) 350-010	1.9	4.2	6.2	.8	1.2						14.2	10.4	10.0
020-040	3.8	3.5	5.0	.8							13.1	7.9	8.0
050-070	3.5	5.0	1.5	.8							10.8	7.0	5.5
(E) 080-100	2.3	5.0	1.9								9.2	6.7	6.5
110-130	6.2	4.6	1.2	.4							12.3	5.4	4.5
140-160	4.6	6.5	3.1	.8							15.0	7.2	8.0
(S) 170-190	1.5	4.2	4.2	.8							10.8	8.7	8.5
200-220	.8	.8	.4			.4					2.3	9.0	6.5
230-250	.4	.4									.8	5.0	5.0
(W) 260-280	.4						.4				.8	15.5	13.0
290-310	1.2	.8									1.9	4.4	4.0
320-340	1.2	1.5	.4		.8						3.8	9.6	6.5
VARIABLE													
CALM	////////////////////										5.0	////////	
TOTALS	27.8	36.5	23.9	4.4	2.0	.4	.4				100.0	7.4	7.0

TOTAL NUMBER OF OBSERVATIONS 260

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723535

STATION NAME: VANCE AFB OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: JUL HOURS: 00-02

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.6	1.5	1.2	.3								4.6	7.3	7.0
020-040	1.6	1.0	.1									2.7	5.0	4.0
050-070	1.3	1.0	.2									2.5	4.7	4.0
(E) 080-100	1.9	1.4	.2									3.5	4.8	4.0
110-130	5.2	5.3	.4									10.9	4.9	5.0
140-160	8.7	16.2	1.5	.1								26.6	5.5	5.0
(S) 170-190	3.9	18.0	9.0	.8	.1							31.7	8.1	8.0
200-220	2.0	3.1	1.2	.3								6.7	6.8	6.0
230-250	.6	.3	.3									1.3	6.1	4.5
(W) 260-280	1.1	.2										1.3	3.5	3.5
290-310	1.1	.2	.1									1.4	3.9	3.0
320-340	.9	.2		.1	.1							1.3	5.5	3.5
VARIABLE														
CALM	////////////////////////////////////											5.6	////////	
TOTALS	29.9	48.4	14.2	1.6	.2							100.0	6.0	6.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723535

STATION NAME: VANCE AFB OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: JUL HOURS: 03-05

WIND SPEED IN KNOTS														
DIRECTION (DEGREES)	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010	3.3	2.9	.8	.1								7.1	5.5	5.0
020-040	1.3	1.7	.1									3.1	5.0	5.0
050-070	1.1	1.2	.1	.1								2.5	5.9	6.0
(E) 080-100	1.6	1.7	.5									3.9	5.7	5.0
110-130	2.9	2.8	.1									5.8	4.7	4.5
140-160	6.9	13.4	.8									21.1	5.3	5.0
(S) 170-190	6.1	16.5	6.8	.8								30.1	7.4	7.0
200-220	3.4	5.6	1.4									10.4	6.1	6.0
230-250	1.5	.5										2.0	3.7	4.0
(W) 260-280	1.4	.4										1.8	3.4	3.0
290-310	.6	.6	.1									1.4	5.2	5.0
320-340	1.8	.5	.2	.1								2.7	4.7	4.0

VARIABLE														
CALM	////////////////////////////////////											8.1	//////////	
TOTALS	31.9	47.8	10.9	1.1								100.0	5.5	5.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723535

STATION NAME: VANCE AFB OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: JUL HOURS: 06-08

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	2.7	2.7	1.2	.1			.1					6.8	6.3	6.0
020-040	1.2	1.5	1.0		.1							3.8	7.1	6.0
050-070	1.4	3.0	.6	.1								5.2	6.3	6.0
(E) 080-100	1.3	2.2	.4									3.9	5.8	5.0
110-130	2.0	3.0	1.1	.1								6.2	6.3	6.0
140-160	4.4	9.5	1.7	.2								15.8	6.2	6.0
(S) 170-190	3.9	15.7	7.8	1.2	.1							28.7	8.2	8.0
200-220	2.0	7.7	4.5	1.6	.2							16.1	9.0	8.0
230-250	1.0	.8	.3									2.0	5.3	5.0
(W) 260-280	1.3	.5										1.8	3.8	4.0
290-310	.9	.3										1.2	3.7	3.0
320-340	1.6	1.4	.6									3.7	5.5	5.0
VARIABLE														
CALM	////////////////////											4.8	////////	
TOTALS	23.7	48.3	19.2	3.3	.4		.1					100.0	6.8	7.0
TOTAL NUMBER OF OBSERVATIONS 930														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723535

STATION NAME: VANCE AFB OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: JUL HOURS: 09-11

WIND SPEED IN KNOTS														
DIRECTION (DEGREES)	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010	1.3	2.4	2.0	.2								5.9	8.0	8.0
020-040	1.5	1.9	1.4									4.8	6.7	6.0
050-070	1.4	2.0	.6	.3								4.4	6.7	6.0
(E) 080-100	1.8	2.3	.6									4.7	5.7	6.0
110-130	2.4	2.5	1.1	.1								6.0	6.3	6.0
140-160	2.2	2.9	1.1	.4								6.6	6.9	6.0
(S) 170-190	1.5	8.2	6.9	1.9	.4							18.9	9.6	9.0
200-220	.8	11.3	14.7	4.1	1.4	.1						32.4	11.1	10.0
230-250	1.3	3.4	3.2	.2								8.2	8.5	9.0
(W) 260-280	1.2	1.4	.1									2.7	4.9	5.0
290-310	1.2	.4	.1									1.7	4.3	3.0
320-340	.5	.6	.3	.1								1.6	7.4	6.0
VARIABLE														
CALM	////////////////////////////////////											2.0	////////////////////////////////	
TOTALS	17.1	39.3	32.1	7.3	1.8	.1						100.0	8.6	9.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723535

STATION NAME: VANCE AFB OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: JUL HOURS: 12-14

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.7	2.4	1.9	.1								6.1	7.2	6.0
020-040	2.0	2.8	1.7		.1							6.7	7.0	6.5
050-070	1.7	2.4	.5	.1								4.7	6.1	6.0
(E) 080-100	1.1	1.7	.5									3.3	5.9	5.0
110-130	1.8	2.2	.4	.2								4.6	5.9	5.0
140-160	3.5	5.7	3.3	.4	.1							13.1	7.2	6.0
(S) 170-190	3.1	7.1	12.4	2.0	1.4	.1						26.1	10.2	10.0
200-220	1.6	5.8	11.4	5.8	.8							25.4	11.4	12.0
230-250	1.3	1.5	1.0									3.8	6.8	6.0
(W) 260-280	.5	.6	.1									1.3	5.5	5.0
290-310	.9	.6	.1									1.6	4.9	4.0
320-340	1.0	1.1	.2									2.3	5.2	5.0
VARIABLE														
CALM	////////////////////////////////////											1.0	////////	
TOTALS	20.2	33.9	33.5	8.6	2.4	.1						100.0	8.7	9.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723535

STATION NAME: VANCE AFB OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: JUL HOURS: 15-17

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.2	1.6	1.2	.3								4.3	7.4	6.0
020-040	1.8	3.9	1.3		.1							7.1	6.7	6.0
050-070	1.4	2.9	.1									4.4	5.3	6.0
(E) 080-100	2.2	2.5	.2									4.8	4.9	5.0
110-130	2.9	3.1	1.1									7.1	5.8	5.5
140-160	3.2	5.9	5.3	.9								15.3	8.3	8.5
(S) 170-190	1.8	7.8	14.3	6.3	2.0	.1						32.5	11.8	12.0
200-220	1.8	3.9	7.0	3.1	.6							16.5	11.1	12.0
230-250	.9	.3	.2	.1								1.5	5.9	4.0
(W) 260-280	.5	.4	.1	.1								1.2	6.2	5.0
290-310	.8	.4	.2									1.4	6.1	4.0
320-340	.6	1.0	.5	.2								2.4	7.3	6.0
VARIABLE														
CALM	////////////////////											1.6	////////	
TOTALS	19.1	33.7	31.5	11.0	2.7	.1						100.0	9.0	9.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723535

STATION NAME: VANCE AFB OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: JUL HOURS: 18-20

WIND SPEED IN KNOTS														
DIRECTION (DEGREES)	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010	1.4	1.2	1.2	.2								4.0	7.2	7.0
020-040	1.3	2.7	.6	.1								4.7	6.4	6.0
050-070	2.2	3.1	.4									5.7	5.4	5.0
(E) 080-100	3.0	4.0	.3									7.3	5.0	5.0
110-130	4.4	5.7	1.0									11.1	5.6	5.0
140-160	3.7	10.9	8.5	.4								23.4	8.1	8.0
(S) 170-190	2.0	11.3	16.2	4.0	.9	.1						34.5	10.5	10.0
200-220	1.1	1.2	2.3	.9								5.4	9.6	11.0
230-250	.1	.4	.1	.2								.9	9.0	8.0
(W) 260-280	.1	.1										.2	5.0	5.0
290-310	.3	.1										.4	3.3	3.0
320-340	.5	.4	.2									1.2	5.5	5.0
VARIABLE														
CALM	////////////////////////////////////											1.2	////////////////////////////////	
TOTALS	20.1	41.1	30.8	5.8	.9	.1						100.0	8.1	8.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723535

STATION NAME: VANCE AFB OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: JUL HOURS: 21-23

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64			
(N) 350-010	1.4	.5	.6	.5							3.1	7.5	7.0
020-040	1.1	1.4	.5								3.0	6.2	6.0
050-070	1.6	1.9	.4								4.0	5.6	6.0
(E) 080-100	4.1	2.2	.1	.1							6.5	4.4	4.0
110-130	6.5	5.2	.1								11.7	4.4	4.0
140-160	8.8	22.4	4.1	.3							35.6	6.3	6.0
(S) 170-190	3.3	14.4	8.9	.6							27.3	8.3	8.0
200-220	.6	.8	.3								1.7	6.3	5.0
230-250	.3	.1									.4	3.0	2.0
(W) 260-280	.8		.1								.9	3.5	2.5
290-310	.5	.1		.1							.8	5.1	3.0
320-340	.4										.4	2.3	2.0

VARIABLE													
CALM	////////////////////////////////////										4.6	////////////////////////////////	
TOTALS	29.4	49.0	15.1	1.6							100.0	6.1	6.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723535

STATION NAME: VANCE AFB OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: JUL HOURS: ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.8	1.9	1.3	.2			.0					5.2	6.9	6.0
020-040	1.5	2.1	.8	.0	.0							4.5	6.4	6.0
050-070	1.5	2.2	.4	.1								4.2	5.8	6.0
(E) 080-100	2.1	2.2	.4	.0								4.7	5.2	5.0
110-130	3.5	3.7	.7	.1								7.9	5.3	5.0
140-160	5.2	10.9	3.3	.3	.0							19.7	6.6	6.0
(S) 170-190	3.2	12.4	10.3	2.2	.6	.0						28.7	9.3	9.0
200-220	1.7	4.9	5.3	2.0	.4	.0						14.3	10.0	10.0
230-250	.9	.9	.6	.1								2.5	6.9	6.0
(W) 260-280	.9	.5	.1	.0								1.4	4.4	4.0
290-310	.8	.4	.1	.0								1.2	4.7	4.0
320-340	.9	.7	.3	.1	.0							1.9	5.7	5.0
VARIABLE														
CALM	////////////////////////////////////											3.0	////////////////////////////////	
TOTALS	24.0	42.8	23.6	5.1	1.0							100.0	7.4	7.0

TOTAL NUMBER OF OBSERVATIONS 7440

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723535

STATION NAME: VANCE AFB OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: JUL HOURS: ALL

CATEGORY A: CEILING GE 200 BUT LESS THAN 1500 FEET WITH VISIBILITY GE 1/2 MILE (0800 METERS).
AND/OR
VISIBILITY GE 1/2 MILE (0800 METERS) BUT LESS THAN 3 MILES (4800 METERS) WITH CEILING GE 200 FEET.

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010		18.7	6.7									25.3	8.1	8.0
020-040	1.3	1.3	2.7		1.3							6.7	11.0	10.0
050-070	1.3		1.3	2.7								5.3	11.8	13.5
(E) 080-100	1.3	1.3	1.3									4.0	8.3	9.0
110-130	2.7	5.3	2.7									10.7	7.5	7.5
140-160	4.0	5.3	8.0									17.3	8.8	9.0
(S) 170-190		4.0	10.7	1.3	1.3							17.3	11.5	10.0
200-220														
230-250		4.0										4.0	6.3	6.0
(W) 260-280														
290-310	1.3											1.3	2.0	2.0
320-340	1.3	2.7										4.0	5.3	6.0
VARIABLE														
CALM	////////////////////////////////////											4.0	////////////////////////////////	
TOTALS	13.2	42.6	33.4	4.0	2.6							100.0	8.5	8.5

TOTAL NUMBER OF OBSERVATIONS 75

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723535

STATION NAME: VANCE APB OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: AUG HOURS: 00-02

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(W) 350-010	1.5	1.5	.3									3.3	5.2	5.0
020-040	2.2	2.4	.8	.2								5.5	6.1	5.0
050-070	1.1	3.0	.6									4.7	6.1	6.0
(E) 080-100	3.1	3.8	.2									7.1	5.1	5.0
110-130	6.2	6.5	.4									13.1	5.0	5.0
140-160	11.3	9.4	1.3		.1							22.0	5.0	4.0
(S) 170-190	6.5	14.5	4.9	.6								26.6	7.0	7.0
200-220	3.2	4.4	1.2									8.8	6.1	6.0
230-250	1.0	.1	.1									1.2	4.2	4.0
(W) 260-280	.8	.1	.2									1.1	4.7	2.5
290-310	.8	.2										1.0	3.1	2.0
320-340	.6	.6	.1	.1								1.5	5.9	5.5
VARIABLE														
CALM	////////////////////											4.1	////	////
TOTALS	38.3	46.5	10.1	.9	.1							100.0	5.5	5.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723535

STATION NAME: VANCE AFB OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: AUG HOURS: 03-05

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.0	2.4	.6									4.0	6.6	6.0
020-040	2.5	2.5	2.3	.3								7.5	7.5	7.0
050-070	1.3	3.1	.3	.1								4.8	6.3	6.0
(E) 080-100	3.4	3.3	.4									7.2	4.8	5.0
110-130	5.9	5.2	.4									11.5	4.8	4.0
140-160	7.6	10.8	.4									18.8	5.0	5.0
(S) 170-190	6.7	13.3	2.6	.1								22.7	6.3	6.0
200-220	3.7	6.6	.8									11.0	5.9	6.0
230-250	1.4	.4										1.8	3.8	4.0
(W) 260-280	1.2	.1										1.3	3.1	3.5
290-310	1.4	.3	.1			.1						1.9	4.9	3.5
320-340	1.5	.3	.1									1.9	3.8	3.5
VARIABLE														
CALM	////////////////////////////////////											5.5	////////////////////////////////	
TOTALS	37.6	48.3	8.0	.5		.1						100.0	5.5	5.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723535

STATION NAME: VANCE AFB OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: AUG HOURS: 06-08

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.6	1.8	.6									4.1	6.1	6.0
020-040	1.6	4.3	1.8	.1								7.8	7.3	7.0
050-070	1.9	3.8	1.7	.1								7.5	7.0	7.0
(E) 080-100	2.9	3.4	.6	.1								7.1	5.6	5.0
110-130	2.3	4.7	.8	.1								7.8	6.0	6.0
140-160	6.2	10.8	1.0	.1								18.1	5.7	6.0
(S) 170-190	4.0	13.0	5.7	.2								22.9	7.3	7.0
200-220	3.1	5.6	2.5	.3								11.5	7.1	7.0
230-250	1.1	1.8	.1	.1								3.1	5.7	5.0
(W) 260-280	1.1	.1										1.2	3.9	4.0
290-310	1.2	.4										1.6	3.8	4.0
320-340	1.2	.6	.1									1.9	4.3	4.0
VARIABLE														
CALM	////////////////////											5.3	////////	
TOTALS	28.2	50.3	14.9	1.1								100.0	6.1	6.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723535

STATION NAME: VANCE AFB OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: AUG HOURS: 09-11

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.1	2.5	1.6									5.2	7.5	8.0
020-040	2.3	3.7	2.0	.1								8.1	7.1	7.0
050-070	1.5	1.7	1.4		.1							4.7	7.3	6.5
(E) 080-100	1.2	2.9	.9	.2								5.2	7.2	7.5
110-130	2.6	3.8	1.5									7.8	6.4	6.0
140-160	2.7	3.8	1.8	.3								8.6	6.9	6.5
(S) 170-190	3.8	7.2	5.9	1.3	.1							18.3	8.4	8.0
200-220	3.7	10.9	8.7	3.2	.1							26.6	9.3	9.0
230-250	2.3	4.3	1.4	.9	.1							8.9	7.8	7.0
(W) 260-280	.9	1.3	.3	.1								2.6	6.4	5.5
290-310	.6	.4										1.1	4.7	4.0
320-340	.3	.3	.1									.8	5.3	5.0
VARIABLE														
CALM	////////////////////////////////////											2.3	////////////////////////////////	
TOTALS	23.0	42.8	25.6	6.1	.4							100.0	7.7	8.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723535

STATION NAME: VANCE AFB OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: AUG HOURS: 12-14

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.8	2.0	1.6	.3								4.7	8.3	8.0
020-040	1.6	2.6	2.3	.2								6.7	7.6	8.0
050-070	2.3	2.9	1.0	.1								6.2	5.9	6.0
(E) 080-100	2.3	1.8	.4									4.5	5.2	4.5
110-130	2.7	3.0	1.1	.2	.1							7.1	6.4	6.0
140-160	3.4	5.8	2.5	.4								12.2	7.1	6.0
(S) 170-190	5.4	7.5	8.3	2.5	.3							24.0	8.8	9.0
200-220	4.2	6.9	7.3	3.4	.2							22.0	9.3	9.0
230-250	1.7	2.0	.9	.5								5.2	7.4	7.0
(W) 260-280	.6	1.3	.3									2.3	6.3	7.0
290-310	.5	.8	.2		.1							1.6	6.5	6.0
320-340	1.1	.4	.2		.1							1.8	5.8	4.0
VARIABLE														
CALM	////////////////////////////////////											1.7	////////////////////////////////	
TOTALS	26.6	37.0	26.1	7.6	.8							100.0	7.7	7.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723535

STATION NAME: VANCE AFB OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: AUG HOURS: 15-17

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.1	1.7	1.3	.2								4.3	7.5	8.0
020-040	1.2	3.5	2.3	.1								7.1	8.0	7.5
050-070	2.0	3.7	1.1									6.8	6.3	6.0
(E) 080-100	2.4	3.9	1.0	.1								7.3	6.3	6.0
110-130	2.9	3.9	1.2	.1								8.1	5.8	5.0
140-160	4.3	5.8	3.4	.6	.1							14.3	7.1	6.0
(S) 170-190	3.3	9.6	10.6	4.5								28.1	9.9	10.0
200-220	1.3	5.6	6.1	1.7	.4							15.2	10.0	10.0
230-250	1.2	1.3	.2	.1								2.8	6.0	5.5
(W) 260-280	.5	.8				.1						1.4	7.0	6.0
290-310	.4	.5	.1			.1						1.2	7.2	6.0
320-340	.3	.9	.1	.1								1.4	6.5	6.0
VARIABLE														
CALM	////////////////////											2.2	////////	
TOTALS	20.9	41.2	27.4	7.5	.5	.2						100.0	8.0	8.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723535

STATION NAME: VANCE AFB OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: AUG HOURS: 18-20

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.5	1.5	.4		.1							3.6	6.3	6.0
020-040	1.5	2.4	1.1	.1								5.1	7.0	6.0
050-070	2.4	3.4	.2									6.0	5.3	5.5
(E) 080-100	4.7	4.7	.4	.1								10.0	5.2	5.0
110-130	3.9	8.7	1.6	.2	.1							14.5	6.4	6.0
140-160	5.6	13.1	5.4	.3								24.4	7.2	7.0
(S) 170-190	5.1	10.4	8.1	.9	.1							24.5	8.2	8.0
200-220	1.6	2.2	2.8	.3								6.9	8.3	8.0
230-250	.6	.1										.8	3.6	3.0
(W) 260-280	.5	.3										.9	4.1	4.0
290-310	.5	.1		.1								.8	5.3	4.0
320-340	.1	.3	.1		.1	.1						.8	12.6	9.0
VARIABLE														
CALM	////////////////////////////////////											1.8	////////////////////////////////	
TOTALS	28.0	47.2	20.1	2.0	.4	.1						100.0	6.9	6.5

TOTAL NUMBER OF OBSERVATIONS 929

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723535

STATION NAME: VANCE AFB OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: AUG HOURS: 21-23

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.8	1.0	.3	.1	.1							2.3	7.3	6.0
020-040	2.0	3.1	.6	.3								6.1	6.7	6.0
050-070	2.6	2.4	.4									5.4	5.4	5.0
(E) 080-100	4.3	4.3	.2									8.8	4.8	5.0
110-130	5.7	8.0	.8		.2							14.6	5.7	5.0
140-160	11.8	16.0	2.3		.1							30.2	5.7	6.0
(S) 170-190	3.9	14.0	4.5									22.4	7.1	7.0
200-220	1.6	2.3	.3	.1								4.3	6.0	6.0
230-250	.2	.4										.6	5.2	5.0
(W) 260-280	.3	.3	.1	.1								.9	6.9	6.0
290-310		.2		.1								.3	9.7	8.0
320-340	.2	.3										.5	5.2	5.0
VARIABLE														
CALM	////////////////////////////////////											3.5	////////////////////////////////	
TOTALS	33.4	52.3	9.5	.7	.4							100.0	5.9	6.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723535

STATION NAME: VANCE AFB OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: AUG HOURS: ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-54	GE 65			
(W) 350-010	1.2	1.8	.9	.1	.0							3.9	6.9	6.0
020-040	1.9	3.1	1.6	.2								6.7	7.2	7.0
050-070	1.9	3.0	.8	.0	.0							5.8	6.2	6.0
(E) 080-100	3.0	3.5	.5	.1								7.2	5.4	5.0
110-130	4.0	5.5	1.0	.1	.1							10.6	5.7	5.0
140-160	6.6	9.4	2.3	.2	.0							18.6	6.1	6.0
(S) 170-190	4.8	11.2	6.3	1.3	.1							23.7	7.9	8.0
200-220	2.8	5.5	3.7	1.1	.1							13.3	8.4	8.0
230-250	1.2	1.3	.3	.2	.0							3.1	6.6	6.0
(W) 260-280	.7	.5	.1	.0		.0						1.4	5.5	4.0
290-310	.7	.4	.1	.0	.0	.0						1.2	5.3	4.0
320-340	.7	.5	.1	.0	.0	.0						1.3	5.7	4.0
VARIABLE														
CALM	////////////////////											3.3	////////	
TOTALS	29.5	45.7	17.7	3.3	.3							100.0	6.6	6.0

TOTAL NUMBER OF OBSERVATIONS 7439

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723535

STATION NAME: VANCE AFB OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: AUG HOURS: ALL

CATEGORY A: CEILING GE 200 BUT LESS THAN 1500 FEET WITH VISIBILITY GE 1/2 MILE (0800 METERS).
AND/OR
VISIBILITY GE 1/2 MILE (0800 METERS) BUT LESS THAN 3 MILES (4800 METERS) WITH CEILING GE 200 FEET.

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	2.2	4.9	4.4	.4								12.0	8.4	8.0
020-040	4.9	8.9	7.1	1.3								22.2	8.3	8.5
050-070	3.6	5.8	2.7									12.0	6.9	7.0
(E) 080-100	3.6	3.6	1.3	.4								8.9	6.2	6.0
110-130	3.6	9.3	2.7	.9	1.3							17.8	8.0	6.5
140-160	2.2	5.8	.9		.9							9.8	8.2	8.0
(S) 170-190	.9	1.3	2.2	1.8								6.2	10.4	10.0
200-220	.4		.9									1.3	8.0	10.0
230-250	.9											.9	2.5	2.5
(W) 260-280	.4											.4	2.0	2.0
290-310														
320-340		1.3	.9									2.2	8.2	7.0
VARIABLE														
CALM	////////////////////											6.2	////////////////	
TOTALS	22.7	40.9	23.1	4.8	2.2							100.0	7.4	8.0

TOTAL NUMBER OF OBSERVATIONS 225

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723535

STATION NAME: VANCE AFB OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: SEP HOURS: 00-02

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.1	1.7	2.7	.6								6.0	8.8	10.0
020-040	1.1	3.0	1.8	.6								6.4	8.4	8.0
050-070	1.8	1.8	.3			.1						4.0	5.5	5.0
(E) 080-100	2.0	2.6	.1									4.7	4.9	5.0
110-130	4.2	5.2	.2									9.7	5.0	5.0
140-160	6.7	11.1	1.9	.1								19.8	5.8	6.0
(S) 170-190	4.6	11.0	11.1	1.8	.1							28.6	8.7	9.0
200-220	2.0	2.9	.6	.1								5.6	5.9	5.5
230-250	.8	.3	.1									1.2	4.1	3.0
(W) 260-280	1.1											1.1	2.4	2.0
290-310	1.4	.2	.1									1.8	3.9	3.5
320-340	1.0	1.1	1.1									3.2	7.8	9.0
VARIABLE														
CALM	////////////////////											8.0	////////	
TOTALS	27.8	40.9	20.0	3.2	.1	.1						100.0	6.4	6.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723535

STATION NAME: VANCE AFB OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: SEP HOURS: 03-05

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	2.6	1.9	2.6	.8		.3						8.4	8.8	9.0
020-040	1.2	1.8	1.8	.2	.1							5.1	8.1	7.5
050-070	2.4	1.6	.4	.1								4.6	5.3	4.0
(E) 080-100	1.9	1.8	.1									3.8	4.5	4.5
110-130	2.0	3.3										6.3	5.1	5.0
140-160	6.6	10.3	2.0	.3	.1							19.3	6.3	6.0
(S) 170-190	4.6	12.0	9.9	.8								27.2	8.4	8.0
200-220	2.9	2.9	.7	.1								6.6	5.9	5.0
230-250	.8	.8	.1									1.7	5.5	5.0
(W) 260-280	1.1	.2	.1									1.4	3.8	3.0
290-310	2.2	.2										2.4	3.2	3.5
320-340	.7	1.8	.9	.3	.3							4.0	9.2	7.5
VARIABLE														
CALM	////////////////////////////////////											9.4	////////////////////////////////	
TOTALS	30.0	38.6	18.6	2.6	.5	.3						100.0	6.3	6.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723535

STATION NAME: VANCE AFB OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: SEP HOURS: 06-08

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	2.2	1.9	1.8	.8	.1	.2						7.0	8.6	7.0
020-040	1.0	2.4	2.7									6.1	8.1	9.0
050-070	1.9	2.1	.8									4.8	5.9	5.0
(E) 080-100	1.2	2.2	.2									3.7	5.7	6.0
110-130	3.2	2.2	.3	.1								5.9	5.0	4.0
140-160	4.1	10.8	3.0	.3								18.2	6.9	6.0
(S) 170-190	3.6	10.0	10.8	2.9	.1							27.3	9.3	10.0
200-220	2.0	3.3	2.0	.7								8.0	7.7	7.0
230-250	.9	.6	.1									1.6	5.1	4.0
(W) 260-280	1.9	.8	.2									2.9	3.9	3.0
290-310	1.2	.8	.2	.1								2.3	5.2	4.0
320-340	1.4	1.8	1.2	.6	.1							5.1	8.3	7.5
VARIABLE														
CALM	////////////////////////////////////											7.1	////////////////////////////////	
TOTALS	24.6	38.9	23.3	5.5	.3	.2						100.0	7.0	7.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723535

STATION NAME: VANCE AFB OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: SEP HOURS: 09-11

WIND SPEED IN KNOTS														
DIRECTION (DEGREES)	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010	.9	2.6	2.2	1.2	.7							7.6	10.9	10.0
020-040	.8	3.8	3.1	.6								8.2	9.0	9.0
050-070	1.7	2.4	.8									4.9	6.5	6.0
(E) 080-100	1.1	1.8	.4									3.3	6.3	6.0
110-130	1.3	1.8	.2									3.3	5.6	5.5
140-160	2.4	4.1	1.9	.4								8.9	7.0	6.5
(S) 170-190	1.7	7.2	10.7	4.1	1.9	.2						25.8	11.5	11.0
200-220	1.3	4.4	9.3	5.1	1.4	.1						21.8	12.3	13.0
230-250	1.1	2.8	1.6									5.4	7.2	7.0
(W) 260-280	.8	.8	.2									1.8	6.1	6.0
290-310	1.0	.9	.6									2.4	6.2	5.5
320-340	1.0	2.0	1.0	.7	.3	.1						5.1	9.6	8.0

VARIABLE														
CALM	////////////////////////////////////											1.4	//////////	
TOTALS	15.1	34.6	32.0	12.1	4.3	.4						100.0	9.7	9.0

TOTAL NUMBER OF OBSERVATIONS 900

C - 4 - 84

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723535

STATION NAME: VANCE AFB OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: SEP HOURS: 12-14

WIND SPEED IN KNOTS														
DIRECTION (DEGREES)	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010	1.3	2.1	4.0	1.3	.4							9.2	10.6	11.0
020-040	2.1	4.0	2.6	.3								9.0	7.7	8.0
050-070	.8	1.8	1.6									4.1	7.6	8.0
(E) 080-100	1.1	.9	.2									2.2	5.2	4.5
110-130	1.8	2.3	.4									4.6	5.7	5.0
140-160	3.0	4.1	2.4	.7								10.2	7.4	7.0
(S) 170-190	2.1	6.6	11.4	4.3	1.7	.3						26.4	11.5	11.0
200-220	1.9	4.2	8.7	4.4	1.8	.1						21.1	12.0	12.0
230-250	.6	1.6	.8	.4								3.3	8.5	7.5
(W) 260-280	.7	1.0	.2		.1							2.0	7.7	7.0
290-310	.7	1.0	.6	.1								2.3	7.3	7.0
320-340	.9	1.0	1.0	.8	.1							3.8	9.6	9.5
VARIABLE														
CALM	////////////////////////////////////											1.7	////////////////////////////////	
TOTALS	17.0	30.6	33.9	12.3	4.1	.4						100.0	9.7	10.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723535

STATION NAME: VANCE AFB OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: SEP HOURS: 15-17

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.4	3.8	3.8	1.1	.3							10.4	9.7	9.5
020-040	2.3	3.4	3.2	.2	.1							9.3	8.0	8.0
050-070	1.3	2.2	.6									4.1	6.3	6.0
(E) 080-100	1.2	1.3	.7									3.2	5.9	5.0
110-130	1.4	2.2	1.1									4.8	7.0	6.0
140-160	2.4	5.0	5.1	.6	.1							13.2	8.6	9.0
(S) 170-190	2.7	8.2	13.7	5.3	1.4	.3						31.7	11.4	11.0
200-220	1.0	3.0	5.6	2.6	.7							12.8	11.3	11.0
230-250	.9	.6	.6	.1								2.1	6.8	6.0
(W) 260-280	.3	.8	.3									1.4	6.5	7.0
290-310	.4	.7	.4	.1				.1				1.8	9.8	7.0
320-340	.6	1.2	1.4	.2		.1						3.6	9.3	9.0
VARIABLE														
CALM	////////////////////////////////////											1.6	////////////////////////////////	
TOTALS	15.9	32.4	36.5	10.2	2.6	.4		.1				100.0	9.5	10.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723535

STATION NAME: VANCE AFB OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: SEP HOURS: 18-20

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	3.4	3.6	1.9	.8	.2							9.9	7.5	6.0
020-040	2.3	3.9	1.9	.3								8.4	7.2	7.0
050-070	1.4	1.7	.3									3.4	5.1	5.0
(E) 080-100	3.4	2.0	.3	.1								5.9	4.9	4.0
110-130	3.6	4.6	2.0	.1								10.2	6.3	5.5
140-160	5.0	13.3	5.3	.3	.1							24.1	7.3	7.0
(S) 170-190	3.0	11.6	8.8	2.0	.4							25.8	9.2	9.0
200-220	.4	1.7	1.2	.3	.2							3.9	9.6	9.0
230-250	.7	.1										.8	3.7	4.0
(W) 260-280	.2		.1									.3	6.7	4.0
290-310	.2	.4										.7	5.3	6.0
320-340	.9	.8	.4	.1								2.2	7.0	6.0
VARIABLE														
CALM	////////////////////////////////////											4.3	////////	
TOTALS	24.5	43.7	22.2	4.0	.9							100.0	7.2	7.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723535

STATION NAME: VANCE AFB OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: SEP HOURS: 21-23

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	2.9	1.8	1.4	.6	.3							7.0	7.4	5.0
020-040	1.8	2.9	1.4	.4	.1							6.7	7.8	8.0
050-070	1.6	1.4	.6									3.6	5.2	5.0
(E) 080-100	2.6	3.2	.6									6.3	5.5	5.0
110-130	3.2	6.0	1.2									10.4	6.2	6.0
140-160	7.4	15.1	4.2	.6								27.3	6.7	6.0
(S) 170-190	4.2	11.6	8.8	1.2	.1							25.9	8.5	8.0
200-220	1.2	1.8										3.0	4.9	5.0
230-250			.1									.1	10.0	10.0
(W) 260-280	.7											.7	3.0	3.0
290-310	.4	.2		.1								.8	6.0	4.0
320-340	.7	.6	.6	.2								2.0	8.2	8.5
VARIABLE														
CALM	////////////////////											6.2	////////	
TOTALS	26.7	44.6	18.9	3.1	.5							100.0	6.6	7.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723535

STATION NAME: VANCE AFB OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: SEP HOURS: ALL

WIND SPEED IN KNOTS														
DIRECTION	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL	MEAN	MEDIAN
(DEGREES)												%	WIND	WIND
(N) 350-010	2.0	2.4	2.5	.9	.3	.1						8.2	9.1	9.0
020-040	1.6	3.2	2.3	.3	.0							7.4	8.0	8.0
050-070	1.6	1.9	.7	.0		.0						4.2	6.0	5.0
(E) 080-100	1.8	2.0	.3	.0								4.1	5.3	5.0
110-130	2.7	3.5	.7	.0								6.9	5.7	5.0
140-160	4.7	9.2	3.2	.4	.0							17.6	6.9	6.0
(S) 170-190	3.3	9.8	10.6	2.8	.7	.1						27.3	9.8	10.0
200-220	1.6	3.0	3.5	1.7	.5	.0						10.3	10.3	10.0
230-250	.7	.8	.4	.1								2.0	6.7	6.0
(W) 260-280	.8	.4	.2		.0							1.5	5.1	4.0
290-310	1.0	.6	.2	.1				.0				1.8	5.8	4.0
320-340	.9	1.3	1.0	.4	.1	.0						3.6	8.8	8.0
VARIABLE														
CALM	////////////////////////////////////											5.0	////////////////////////////////	
TOTALS	22.7	38.1	25.6	6.7	1.6	.2						100.0	7.8	8.0

TOTAL NUMBER OF OBSERVATIONS 7200

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723535

STATION NAME: VANCE AFB OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: SEP HOURS: ALL

CATEGORY A: CEILING GE 200 BUT LESS THAN 1500 FEET WITH VISIBILITY GE 1/2 MILE (0800 METERS).
AND/OR
VISIBILITY GE 1/2 MILE (0800 METERS) BUT LESS THAN 3 MILES (4800 METERS) WITH CEILING GE 200 FEET.

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65		
(N) 350-010	1.8	4.2	9.0	2.6	1.1	1.1					19.8	12.1	12.0
020-040	1.5	5.3	7.3	.7	.2						14.9	9.6	10.0
050-070	2.4	3.3	2.6								8.4	7.0	7.0
(E) 080-100	2.6	2.6	.7								5.9	5.5	5.0
110-130	3.7	7.0	2.0								12.7	6.4	6.0
140-160	1.8	4.8	3.7	.2							10.5	7.8	8.0
(S) 170-190	1.5	3.5	5.5	.9							11.4	9.6	10.0
200-220	.2	.7	.4	.2							1.5	9.4	9.0
230-250		.2	.2								.4	8.0	8.0
(W) 260-280	.4	.4			.2						1.1	9.0	7.0
290-310	.4	.9	.4	.4							2.2	9.7	8.0
320-340	.7	2.9	3.1	.4	.2	.2					7.5	10.2	10.0
VARIABLE													
CALM	////////////////////										3.5	////////	
TOTALS	17.0	35.8	34.9	5.4	1.7	1.3					100.0	8.7	9.0

TOTAL NUMBER OF OBSERVATIONS 455

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723535

STATION NAME: VANCE AFB OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: OCT HOURS: 00-02

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.4	2.5	2.7	1.7	.4	.1						8.8	10.5	10.0
020-040	1.8	3.0	2.0	.5	.2							7.6	8.0	7.0
050-070	1.3	2.7	.2									4.2	5.6	6.0
(E) 080-100	1.4	1.9										3.3	5.2	5.0
110-130	2.3	4.8	.4									7.5	5.8	6.0
140-160	3.4	12.0	2.7	.2								18.4	6.8	6.0
(S) 170-190	2.9	11.2	5.2	1.5	.5	.1						21.4	8.7	7.0
200-220	1.2	1.3	.8	.4								3.7	7.6	6.0
230-250	1.9	1.6	.1									3.7	4.6	4.0
(W) 260-280	.9	.4	.1									1.4	4.5	4.0
290-310	1.2	1.1		.2								2.5	5.7	5.0
320-340	1.6	2.7	1.6	.5								6.5	7.7	6.5
VARIABLE														
CALM	////////////////////											11.1	////////	
TOTALS	21.3	45.2	15.8	5.0	1.1	.2						100.0	6.6	6.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723535

STATION NAME: VANCE AFB OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: OCT HOURS: 03-05

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.9	2.3	3.5	1.6	.3	.1						9.8	10.1	10.0
020-040	2.0	2.3	2.4	.8	.1							7.5	8.4	8.0
050-070	1.5	3.3		.1								4.9	5.4	5.0
(E) 080-100	1.7	1.4										3.1	4.1	4.0
110-130	1.1	3.5	.6									5.3	6.2	6.0
140-160	4.1	12.6	2.0	.2								18.9	6.6	6.0
(S) 170-190	3.3	9.7	4.7	1.7	.5	.1						20.1	8.8	8.0
200-220	1.4	1.3	1.4	.4								4.5	7.9	6.5
230-250	1.4	1.6	.1									3.1	4.7	5.0
(W) 260-280	1.9	.6										2.6	4.0	4.0
290-310	2.8	1.5	.5									4.8	4.8	4.0
320-340	1.7	2.5	1.5	.6	.1							6.5	8.1	7.0
VARIABLE														
CALM	////////////////////											8.8	////////	
TOTALS	24.8	42.6	16.7	5.4	1.0	.2						100.0	6.7	6.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723535

STATION NAME: VANCE AFB OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 82 ~ DEC 91
MONTH: OCT HOURS: 06-08

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	2.2	3.4	3.4	1.2	.1							10.3	9.1	8.5
020-040	1.6	2.9	1.8	.4	.3							7.1	8.0	7.0
050-070	2.0	2.2	.5									4.7	5.6	5.0
(E) 080-100	1.4	1.9	.1									3.4	5.2	5.0
110-130	2.3	3.7	.4									6.3	5.6	6.0
140-160	2.9	9.6	2.8	.1								15.4	6.9	7.0
(S) 170-190	2.9	7.8	8.0	2.0	.5							21.3	9.6	9.0
200-220	2.4	1.8	1.0	.4								5.6	6.6	6.0
230-250	1.3	1.2	.2									2.7	5.0	5.0
(W) 260-280	.6	1.4										2.0	4.9	5.0
290-310	1.8	2.2	.6									4.6	6.0	6.0
320-340	3.2	2.8	2.6	.8								9.4	7.6	7.0
VARIABLE														
CALM	////////////////////////////////////											7.1	////////////////////////////////	
TOTALS	24.6	40.9	21.4	4.9	.9							100.0	7.0	7.0
TOTAL NUMBER OF OBSERVATIONS 930														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723535

STATION NAME: VANCE AFB OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: OCT HOURS: 09-11

WIND SPEED IN KNOTS														
DIRECTION (DEGREES)	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010	1.0	2.4	5.7	1.6	.5							11.2	11.1	12.0
020-040	1.3	3.0	3.0	1.5	.3	.1						9.2	10.1	10.0
050-070	.9	1.3	.9	.1								3.1	7.3	7.0
(E) 080-100	1.3	2.3	.3									3.9	5.8	6.0
110-130	1.3	3.3	.8	.1								5.5	6.5	6.0
140-160	1.0	5.2	2.2	.3								8.6	8.1	8.0
(S) 170-190	.6	5.2	10.2	5.4	1.8	.2						23.4	12.5	12.0
200-220	1.1	3.4	6.2	2.7	.5							14.0	11.4	11.5
230-250	.8	1.9	1.0	.5								4.2	8.2	6.0
(W) 260-280	.9	1.3	.3									2.5	6.1	6.0
290-310	.6	1.6	1.0									3.2	8.3	8.0
320-340	.9	2.3	3.5	2.0	.2							8.9	10.9	12.0
VARIABLE														
CALM	////////////////////////////////////											2.3	////////////////////////////////	
TOTALS	11.7	33.2	35.1	14.2	3.3	.3						100.0	9.9	10.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723535

STATION NAME: VANCE AFB OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: OCT HOURS: 12-14

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.1	2.9	5.5	2.2	.6							12.3	11.3	12.0
020-040	.9	2.2	2.8	1.4	.1							7.3	10.5	11.0
050-070	1.7	1.4	.9		.1							4.1	6.3	6.0
(E) 080-100	1.7	.9	.1									2.7	4.6	4.0
110-130	.8	1.6	.2									2.6	5.3	5.0
140-160	1.7	3.8	3.1	.1	.2							8.9	8.1	8.0
(S) 170-190	.8	4.8	9.7	5.9	1.7	.2						23.1	12.8	13.0
200-220	1.0	3.9	5.8	4.9	1.7	.1						17.4	12.7	13.0
230-250	1.0	1.3	.8		.1	.2						3.3	8.5	7.0
(W) 260-280	.9	1.1	.1	.3								2.4	6.5	6.0
290-310	1.5	1.5	1.2	.1	.1							4.4	7.1	6.0
320-340	.8	3.3	3.8	1.0	.6							9.5	10.4	10.0
VARIABLE														
CALM	////////////////////											2.0	////////	
TOTALS	13.9	28.7	34.0	15.9	5.2	.5						100.0	10.3	10.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723535

STATION NAME: VANCE AFB OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: OCT HOURS: 15-17

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										GE 65	TOTAL %	MEAN WIND	MEDIAN WIND	
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64					
(N) 350-010	1.4	4.0	5.8	1.6	.3							13.1	10.5	11.0	
020-040	1.0	2.7	3.2	1.1	.1							8.1	9.9	10.0	
050-070	1.1	1.9	.3	.2								3.5	6.5	7.0	
(E) 080-100	1.3	.9	.3									2.5	4.8	4.0	
110-130	1.9	1.6	.5	.2	.1							4.4	6.5	5.0	
140-160	2.4	3.4	4.0	.9	.1							10.8	8.4	9.0	
(S) 170-190	1.1	5.9	11.8	6.6	1.7	.1						27.2	12.3	12.0	
200-220	1.2	3.5	5.2	1.9	.5	.1						12.4	10.8	11.0	
230-250	.3	.3	.3									1.0	7.4	8.0	
(W) 260-280	1.1	.4		.1	.1							1.7	5.8	3.0	
290-310	1.3	1.2	1.3	.2	.1							4.1	8.1	8.0	
320-340	1.4	2.0	2.9	.8	.3	.1						7.5	9.8	10.0	
VARIABLE															
CALM	////////////////////////////////////											3.8	////////////////////////////////		
TOTALS	15.5	27.8	35.6	13.5	3.3	.3						100.0	9.6	10.0	

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723535

STATION NAME: VANCE AFB OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: OCT HOURS: 18-20

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	2.6	4.7	3.4	1.2								11.9	8.5	8.0
020-040	2.9	2.4	2.4	.3								8.0	7.3	6.5
050-070	2.5	2.2	.5									5.2	5.0	5.0
(E) 080-100	2.0	1.8										3.9	4.4	4.0
110-130	2.7	2.4	.6									5.7	5.2	5.0
140-160	4.4	10.1	4.4	.5								19.5	7.3	7.0
170-190	2.8	12.8	7.8	.5	.6							24.6	8.4	8.0
200-220	1.4	.5	.2	.1								2.3	5.2	4.0
230-250	.5	.4										1.0	4.6	4.0
(W) 260-280	.1	.3		.1								.5	6.0	5.0
290-310	1.0	.2	.6	.2								2.0	7.5	5.0
320-340	1.9	1.1	1.3	.4	.4							5.2	8.5	8.0
VARIABLE														
CALM	////////////////////											10.3	////////	
TOTALS	24.8	38.9	21.2	3.3	1.0							100.0	6.6	7.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723535

STATION NAME: VANCE AFB OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: OCT HOURS: 21-23

WIND SPEED IN KNOTS														
DIRECTION (DEGREES)	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010	1.3	3.5	3.0	.6								8.5	8.6	8.0
020-040	2.2	2.9	1.9	1.0	.2							8.2	8.4	8.0
050-070	1.3	2.6	.4	.2								4.5	6.3	6.0
(E) 080-100	1.9	3.2	.2									5.4	5.1	5.0
110-130	3.3	4.1										7.4	5.1	5.0
140-160	3.5	11.4	4.5	.3								19.8	7.3	7.0
(S) 170-190	2.5	10.5	5.4	2.0	.4	.1						21.0	9.2	8.0
200-220	1.0	2.3	.8									4.0	6.6	6.0
230-250	1.4	.8				.1						2.3	4.9	4.0
(W) 260-280	.4	.3	.2									1.0	6.0	5.0
290-310	1.1	.5	.3									1.9	5.7	4.0
320-340	1.1	1.7	.4	1.3	.1	.1						4.7	10.2	8.0
VARIABLE														
CALM	////////////////////////////////////											11.4	////////////////////////////////	
TOTALS	21.0	43.8	17.1	5.4	.7	.3						100.0	6.8	7.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 721535

STATION NAME: VANCE AFB OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: OCT HOURS: ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64				
(N) 350-010	1.6	3.2	4.1	1.5	.3	.0						10.7	10.0	10.0
020-040	1.7	2.7	2.4	.9	.2	.0						7.9	8.8	8.5
050-070	1.5	2.2	.5	.1	.0							4.3	5.9	6.0
(E) 080-100	1.6	1.8	.1									3.5	4.9	5.0
110-130	1.9	3.1	.5	.0	.0							5.6	5.8	6.0
140-160	2.9	8.5	3.2	.3	.0							15.0	7.3	7.0
(S) 170-190	2.1	8.5	7.8	3.2	1.0	.1						22.8	10.4	10.0
200-220	1.3	2.3	2.7	1.4	.3	.0						8.0	10.2	10.0
230-250	1.1	1.1	.3	.1	.0	.0						2.6	6.2	5.0
(W) 260-280	.8	.7	.1	.1	.0							1.8	5.4	5.0
290-310	1.4	1.2	.7	.1	.0							3.5	6.6	6.0
320-340	1.6	2.3	2.2	.9	.2	.0						7.3	9.2	9.0
VARIABLE														
CALM	////////////////////////////////////											7.1	////////////////////////////////	
TOTALS	19.5	37.6	24.6	8.6	2.0	.1						100.0	7.9	8.0

TOTAL NUMBER OF OBSERVATIONS 7440

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723535

STATION NAME: VANCE AFB OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: OCT HOURS: ALL

CATEGORY A: CEILING GE 200 BUT LESS THAN 1500 FEET WITH VISIBILITY GE 1/2 MILE (0800 METERS).

AND/OR

VISIBILITY GE 1/2 MILE (0800 METERS) BUT LESS THAN 3 MILES (4800 METERS) WITH CEILING GE 200 FEET.

WIND SPEED IN KNOTS															
DIRECTION	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL	MEAN	MEDIAN	
(DEGREES)												%	WIND	WIND	
(N) 350-010	1.6	4.1	9.7	4.4	.1							19.9	11.5	12.0	
020-040	1.4	2.6	3.3	1.5	.3							9.0	10.1	10.0	
050-070	1.6	4.2	.8									6.7	6.0	6.0	
(E) 080-100	2.0	4.0	.5									6.6	5.8	6.0	
110-130	1.0	4.4	1.4									6.7	7.1	7.0	
140-160	1.4	4.5	3.7	.4									10.0	8.5	9.0
(S) 170-190	1.2	4.6	6.0	1.4	.1							13.4	10.1	10.0	
200-220	.4	3.4	2.9	.3									7.0	8.8	9.0
230-250	.8	.8	.4									2.0	5.7	5.0	
(W) 260-280	.8	.3									1.1	4.5	4.0		
290-310	.5	1.2	1.1	.1	.1							3.1	9.0	8.0	
320-340	.8	2.6	4.5	1.8	.1							9.8	10.8	10.0	
VARIABLE															
CALM	////////////////////////////////////											4.6	//////////		
TOTALS	13.5	36.7	34.3	9.9	.7							100.0	8.8	9.0	

TOTAL NUMBER OF OBSERVATIONS 732

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723535

STATION NAME: VANCE AFB OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: NOV HOURS: 00-02

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	2.6	3.0	3.9	1.8	.7							11.9	9.9	10.0
020-040	.9	2.1	1.8	.3	.2							5.3	9.0	8.5
050-070	.7	1.2	.1									2.0	5.4	5.0
(E) 080-100	1.3	1.3	.2									2.9	5.2	5.0
110-130	.7	3.1	.6									4.3	6.9	6.0
140-160	2.4	7.3	2.8	.4								13.0	7.5	7.0
(S) 170-190	2.2	8.4	8.0	3.8	.9							23.3	10.4	10.0
200-220	1.2	3.4	.9	.3	.2							6.1	8.1	7.0
230-250	1.4	.8										2.2	4.1	4.0
(W) 260-280	2.0	2.1										4.1	5.1	5.0
290-310	2.6	1.7	1.1	.6	.3							6.2	7.9	6.0
320-340	1.0	3.1	2.1	1.7	.8	.1						8.8	11.1	11.0
VARIABLE														
CALM	////////////////////											9.8	////	////
TOTALS	19.0	37.5	21.5	8.9	3.1	.1						100.0	7.9	8.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723535

STATION NAME: VANCE AFB OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: NOV HOURS: 03-05

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	2.3	2.2	4.3	2.2	1.1							12.2	10.8	11.0
020-040	.8	2.0	1.6	.6								4.9	8.6	8.0
050-070	1.2	1.7	.1									3.0	5.2	5.0
(E) 080-100	1.0	1.4	.1									2.6	5.2	6.0
110-130	1.2	2.1	.6									3.9	6.0	6.0
140-160	3.0	6.4	2.8	.1								12.3	7.0	7.0
(S) 170-190	2.0	7.4	5.8	3.8	.6	.1						19.7	10.3	10.0
200-220	2.2	3.9	2.4	1.0	.3							9.9	8.7	7.0
230-250	1.2	1.7		.1								3.0	5.3	5.0
(W) 260-280	2.3	2.4	.1									4.9	4.9	5.0
290-310	1.7	1.9	1.3	.3	.3							5.6	8.4	7.0
320-340	1.8	3.3	2.6	1.6	.8							10.0	10.2	9.0
VARIABLE														
CALM	////////////////////////////////////											8.1	////////	
TOTALS	20.7	36.4	21.7	9.7	3.1	.1						100.0	7.9	8.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723535

STATION NAME: VANCE AFB OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: NOV HOURS: 06-08

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.3	2.4	3.7	2.9	1.0	.1						11.4	12.0	12.0
020-040	1.1	2.1	1.6	.3	.3							5.4	9.1	8.0
050-070	1.0	1.6	.6									3.1	6.7	7.0
(E) 080-100	.8	1.9	.1									2.8	5.6	6.0
110-130	1.3	3.0	.2									4.6	5.8	5.0
140-160	2.3	5.7	4.7	.4								13.1	8.3	8.0
(S) 170-190	2.0	6.3	6.1	3.4	.8							18.7	10.5	10.0
200-220	1.6	3.1	.8	.6	.4							6.4	8.4	7.0
230-250	.7	1.2										1.9	5.2	6.0
(W) 260-280	2.1	2.8	.2									5.1	5.2	5.0
290-310	2.8	2.6	1.8	.4	.2	.1						7.9	7.8	6.0
320-340	1.3	3.4	4.7	1.2	1.0							11.7	10.3	10.0
VARIABLE														
CALM	////////////////////											7.9	////////	
TOTALS	18.3	36.1	24.5	9.2	3.7	.2						100.0	8.3	8.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723535

STATION NAME: VANCE AFB OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: NOV HOURS: 09-11

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	MEDIAN WIND	
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64				GE 65
(N) 350-010	.6	2.4	4.6	3.7	1.7	.1						13.0	13.5	13.0
020-040	1.2	2.3	2.1	1.2	.4	.1						7.5	10.2	10.0
050-070	.6	1.0	.6	.1								2.2	7.8	8.5
(E) 080-100	.6	1.1	.6									2.2	6.8	5.5
110-130	.6	2.6	1.0	.1								4.2	7.9	8.0
140-160	.6	3.8	3.3	1.2								8.9	9.8	10.0
(S) 170-190	.9	5.0	7.6	6.6	1.8	.1						21.9	12.8	13.0
200-220	.3	3.3	3.1	1.7	.9	.2						9.6	12.2	12.0
230-250	.8	2.3	1.1	.1	.1							4.5	7.7	7.0
(W) 260-280	1.1	1.8	.6	.1	.1							3.7	6.9	6.0
290-310	.7	2.7	1.8	.7	.6							6.3	10.3	9.0
320-340	1.6	2.1	5.0	2.4	1.3	.6						13.0	12.6	12.0
VARIABLE														
CALM	////////////////////////////////////										2.9	////////		
TOTALS	9.6	30.4	31.4	17.9	6.9	1.1						100.0	10.9	11.0

TOTAL NUMBER OF OBSERVATIONS 898

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723535

STATION NAME: VANCE AFB OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: NOV HOURS: 12-14

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.2	2.8	4.4	4.7	1.3	.1						13.6	13.3	14.0
020-040	.6	1.8	1.6	.8	.6							5.2	10.6	10.0
050-070	.9	1.2		.1								2.2	5.7	6.0
(E) 080-100	1.0	.3	.2									1.6	4.9	4.0
110-130	.6	1.1	.2									1.9	5.9	5.0
140-160	1.1	2.7	3.0	1.1	.3							8.2	10.1	10.0
(S) 170-190	.6	3.1	7.8	6.2	3.1	.3						21.1	14.0	14.0
200-220	1.8	3.4	4.3	3.4	1.8	.1						14.9	11.9	11.5
230-250	1.7	2.8	1.3	.6	.4	.1						6.9	8.6	7.0
(W) 260-280	.8	1.3	.6	.2								2.9	7.8	7.5
290-310	.4	2.3	1.2	1.2	.3							5.6	10.6	9.5
320-340	1.0	3.4	3.6	4.2	1.2	.6	.1					14.1	13.0	14.0
VARIABLE														
CALM	////////////////////////////////////											1.9	////////////////////////////////	
TOTALS	10.7	26.2	28.2	22.5	9.0	1.2	.1					100.0	11.5	12.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723535

STATION NAME: VANCE AFB OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: NOV HOURS: 15-17

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65		
(N) 350-010	.6	4.8	6.1	4.7	1.0	.1						17.2	12.0
020-040	.8	1.7	.4	.7	.2							3.8	8.9
050-070	.8	.8	.2									1.8	5.7
(E) 080-100	1.0	.8	.1									1.9	4.9
110-130	.8	1.1	.6	.1								2.6	6.9
140-160	1.4	4.7	3.0	.6	.1							9.8	8.3
(S) 170-190	2.6	6.0	11.1	5.6	1.7	.1						27.0	11.6
200-220	1.6	2.4	3.0	2.1	.7		.1					9.9	11.1
230-250	1.0	.9	.6	.1		.1	.1					2.8	8.9
(W) 260-280	.9	.7	.8	.1		.1						2.6	8.0
290-310	1.6	1.6	1.3	.3		.1						4.9	8.0
320-340	1.6	3.3	3.8	3.6	.7	.2						13.1	11.7
VARIABLE													
CALM	////////////////////////////////////										2.8	////////////////////////////////	
TOTALS	14.7	28.8	31.0	17.9	4.4	.7	.2					100.0	10.2
TOTAL NUMBER OF OBSERVATIONS 900													

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723535

STATION NAME: VANCE AFB OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: NOV HOURS: 18-20

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(W) 350-010	2.8	4.0	3.9	2.8	1.1	.1						14.7	10.4	10.5
020-040	1.6	1.3	1.2	.4								4.6	7.4	6.0
050-070	1.7	1.0										2.7	4.3	4.0
(E) 080-100	.9	1.0	.1									2.0	4.8	5.0
110-130	1.4	3.4	.2									5.1	6.0	6.0
140-160	3.9	8.1	4.3	.7								17.0	7.5	7.0
(S) 170-190	4.3	10.3	6.1	1.6	.3							22.7	8.4	8.0
200-220	1.2	1.8	.9	.4	.1							4.4	7.8	6.5
230-250	.2	.2		.1	.1							.7	9.7	8.0
(W) 260-280	.8	1.0	.6	.1								2.4	6.4	6.0
290-310	1.1	1.9	.2	.1	.2	.2						3.8	7.9	5.5
320-340	2.4	3.4	2.2	1.2	.3	.1						9.8	9.0	8.0
VARIABLE														
CALM	////////////////////											10.2	////////	
TOTALS	22.3	37.4	19.7	7.4	2.1	.4						100.0	7.3	7.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723535

STATION NAME: VANCE AFB OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: NOV HOURS: 21-23

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	2.0	4.1	4.2	2.3	1.2	.2						14.1	10.8	10.0
020-040	1.6	1.7	2.0	.3								5.6	8.0	8.0
050-070	1.9	1.8	.2									3.9	5.3	5.0
(E) 080-100	1.1	1.4	.2									2.8	5.7	5.0
110-130	.4	3.0	.6									4.0	7.1	7.5
140-160	1.7	11.3	4.9	1.3								19.2	8.5	8.0
(S) 170-190	1.8	8.1	5.8	2.1	.7							18.4	9.5	9.0
200-220	1.3	3.0	.8	.2	.6							5.9	6.5	6.0
230-250	1.3	.7										2.0	4.1	4.0
(W) 260-280	1.0	1.0	.2									2.2	5.3	5.0
290-310	.8	2.3	1.0	.3	.4			.1				5.0	10.0	8.0
320-340	.8	3.0	.8	1.6	.8	.1						7.0	10.9	9.0
VARIABLE														
CALM	////////////////////////////////////											9.9	////////////////////////////////	
TOTALS	15.7	41.4	20.7	8.1	3.7	.3		.1				100.0	8.0	8.0
TOTAL NUMBER OF OBSERVATIONS 900														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723535

STATION NAME: VANCE AFB OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: NOV HOURS: ALL

WIND SPEED IN KNOTS														
DIRECTION	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL	MEAN	MEDIAN
(DEGREES)												%	WIND	WIND
(N) 350-010	1.5	3.2	4.4	3.1	1.1	.1						13.5	11.6	12.0
020-040	1.1	1.9	1.5	.6	.2	.0						5.3	9.1	8.0
050-070	1.1	1.3	.2	.0								2.6	5.7	5.0
(E) 080-100	1.0	1.2	.2									2.3	5.4	5.0
110-130	.9	2.4	.5	.0								3.8	6.6	6.0
140-160	2.1	6.3	3.6	.7	.1							12.7	8.2	8.0
(S) 170-190	2.0	6.8	7.3	4.1	1.2	.1						21.6	11.0	10.0
200-220	1.4	3.1	2.0	1.2	.6	.0	.0					8.4	10.1	9.0
230-250	1.0	1.3	.4	.1	.1	.0	.0					3.0	7.0	6.0
(W) 260-280	1.4	1.6	.4	.1	.0	.0						3.5	6.0	5.0
290-310	1.4	2.1	1.2	.5	.3	.1		.0				5.7	8.9	7.0
320-340	1.4	3.2	3.1	2.2	.9	.2	.0					10.9	11.3	11.0
VARIABLE														
CALM	////////////////////////////////////											6.7	////////////////////////////////	
TOTALS	16.3	34.4	24.8	12.6	4.5	.5						100.0	9.0	9.0

TOTAL NUMBER OF OBSERVATIONS 7198

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723535

STATION NAME: VANCE AFB OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: NOV HOURS: ALL

CATEGORY A: CEILING GE 200 BUT LESS THAN 1500 FEET WITH VISIBILITY GE 1/2 MILE (0800 METERS).
AND/OR
VISIBILITY GE 1/2 MILE (0800 METERS) BUT LESS THAN 3 MILES (4800 METERS) WITH CEILING GE 200 FEET.

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.4	4.8	11.9	8.5	3.1	.3						30.0	13.1	13.0
020-040	1.2	4.4	6.0	1.4	1.1	.1						14.2	10.7	10.0
050-070	1.8	2.8	1.2	.2								6.0	7.1	7.5
(E) 080-100	.7	2.0	.1									2.8	5.7	6.0
110-130	.7	1.4	.1									2.2	5.6	5.0
140-160	.4	2.3	3.3	1.4								7.4	10.9	12.0
(S) 170-190	.8	2.4	3.1	3.5	1.1							10.9	12.7	14.0
200-220	.7	.6	.2	.2	.1							1.8	7.7	5.0
230-250	.4	.3										.7	3.7	4.0
(W) 260-280	.4	.7	.6	.1								1.8	7.4	6.0
290-310	.5	.7	1.5	1.0	.5							4.2	12.4	13.5
320-340	.7	3.2	4.7	3.9	1.1	.3						13.9	12.7	12.0
VARIABLE														
CALM	////////////////////////////////////											4.2	////////////////////////////////	
TOTALS	9.7	25.6	32.7	20.2	7.0	.7						100.0	10.9	12.0

TOTAL NUMBER OF OBSERVATIONS 1001

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723535

STATION NAME: VANCE AFB OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: DEC HOURS: 00-02

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	3.0	4.6	4.1	2.4	1.1							15.2	10.0	10.0
020-040	1.4	3.0	2.0	1.2	.6							8.2	9.9	9.0
050-070	1.1	1.6	.6									3.2	6.6	6.0
(E) 080-100	1.8	.9	.4									3.1	4.9	4.0
110-130	1.7	2.6	.3									4.6	5.5	5.0
140-160	3.4	4.1	1.2	.2	.3							9.3	6.9	6.0
(S) 170-190	2.1	5.1	5.4	1.1	.3							14.1	9.1	9.0
200-220	2.6	5.5	1.2	.7								10.0	7.0	6.5
230-250	1.6	1.3	.2	.1	.1							3.3	6.0	5.0
(W) 260-280	2.2	2.9	.7									5.8	5.7	5.5
290-310	1.3	3.1	1.0	.3	.1							5.9	7.5	6.0
320-340	2.1	3.2	3.4	1.1	.6							10.4	9.7	9.0
VARIABLE														
CALM	////////////////////////////////////											6.9	////////////////////////////////	
TOTALS	24.3	37.9	20.5	7.1	3.1							100.0	7.5	7.0

TOTAL NUMBER OF OBSERVATIONS 901

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723535

STATION NAME: VANCE AFB OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: DEC HOURS: 03-05

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64				
(N) 350-010	2.2	3.2	5.3	3.4	.9							15.1	11.1	12.0
020-040	2.2	2.1	3.0	1.0	.9	.1						9.3	10.2	10.0
050-070	1.0	1.0	1.0	.1								3.1	7.6	8.5
(E) 080-100	1.7	1.1										2.8	4.4	4.0
110-130	1.8	3.7	.6									6.0	5.7	6.0
140-160	3.4	5.6	.2									9.2	5.6	6.0
(S) 170-190	2.1	3.8	3.9	1.4	.7							11.9	9.7	10.0
200-220	1.9	4.0	.8	.8	.1							7.6	7.5	6.0
230-250	1.3	1.2	.4	.1								3.1	6.1	5.5
(W) 260-280	2.9	4.0	.2	.1								7.2	5.3	5.0
290-310	1.6	3.8	2.1	.2								7.7	7.4	7.0
320-340	1.1	3.0	2.7	1.0	.4							8.2	9.9	9.5
VARIABLE														
CALM	////////////////////////////////////											8.8	////////////////////////////////	
TOTALS	23.2	36.5	20.2	8.1	3.0	.1						100.0	7.5	7.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723535

STATION NAME: VANCE AFB OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: DEC HOURS: 06-08

WIND SPEED IN KNOTS														
DIRECTION (DEGREES)	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010	2.6	3.8	6.3	3.0	1.3							17.0	11.0	12.0
020-040	1.1	2.0	2.6	.7	.4							6.7	10.2	10.0
050-070	.4	.8	.3		.2							1.7	8.6	7.5
(E) 080-100	1.0	1.8	.1									2.9	5.4	5.0
110-130	1.2	3.5	.9									5.5	6.6	6.0
140-160	2.1	5.6	.9	.3								8.9	6.7	6.0
(S) 170-190	2.3	5.6	3.8	.8	.8							13.2	9.0	8.0
200-220	1.8	4.1	1.4	.3								7.7	7.1	6.0
230-250	2.1	1.6	.1									3.8	4.6	4.0
(W) 260-280	2.1	3.3	.5									5.9	5.4	5.5
290-310	2.0	5.4	1.4									8.8	6.4	6.0
320-340	2.5	2.6	1.8	1.5	.5							9.0	9.2	9.0
VARIABLE														
CALM	////////////////////////////////////											8.7	////////////////////////////////	
TOTALS	21.2	40.1	20.1	6.6	3.2							100.0	7.5	7.0

TOTAL NUMBER OF OBSERVATIONS 921

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723535

STATION NAME: VANCE AFB OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: DEC HOURS: 09-11

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	MEDIAN WIND	
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64				GE 65
(N) 350-010	2.4	4.2	6.5	4.6	1.2	.3						19.2	11.7	12.0
020-040	1.7	3.1	2.6	1.8	.2							9.6	9.9	9.0
050-070	1.1	.9	.4									2.4	5.1	5.0
(E) 080-100	.7	2.0	.1									2.7	5.8	5.0
110-130	.9	2.0	1.1	.1								4.0	7.4	7.0
140-160	1.2	3.8	2.6	.4								8.0	8.1	8.0
(S) 170-190	1.2	5.1	5.8	2.2	1.2	.2						15.6	11.2	10.0
200-220	2.0	3.4	2.7	.9								8.9	8.5	8.0
230-250	.9	2.1	1.0	.1								4.0	7.3	7.0
(W) 260-280	2.1	2.3	1.1	.3	.1							5.9	7.0	6.0
290-310	.9	3.4	1.5	.7	.3							6.7	8.7	7.5
320-340	.7	3.0	3.7	1.8	.2							9.4	10.6	10.0
VARIABLE														
CALM	////////////////////////////////////											3.5	////////	
TOTALS	15.8	35.3	29.1	12.9	3.2	.5						100.0	9.2	9.0

TOTAL NUMBER OF OBSERVATIONS 921

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723535

STATION NAME: VANCE AFB OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: DEC HOURS: 12-14

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.5	4.6	7.2	4.8	1.3	.3						19.7	12.2	13.0
020-040	1.7	1.5	2.8	1.4	.1							7.6	10.0	11.0
050-070	1.1	1.3	.3									2.7	5.8	5.0
(E) 080-100	.2	.7										.9	5.5	5.5
110-130	1.0	1.3	.4									2.7	6.0	5.0
140-160	1.2	2.5	2.5	.7								6.8	9.0	9.0
(S) 170-190	1.4	5.4	7.3	4.3	1.3	.1	.1					20.0	11.8	12.0
200-220	1.2	3.0	2.7	1.3	.4							8.7	10.0	10.0
230-250	.5	3.0	1.0	.3								4.9	7.8	7.0
(W) 260-280	1.8	1.6	.7	.3								4.5	6.9	6.0
290-310	2.0	3.0	1.6	1.3	.4							8.4	9.7	9.0
320-340	1.4	2.7	4.6	2.3	.3							11.3	10.8	11.0
VARIABLE														
CALM	////////////////////											2.0	////////	
TOTALS	15.0	30.6	31.1	16.7	3.8	.4	.1					100.0	10.1	10.0

TOTAL NUMBER OF OBSERVATIONS 921

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723535

STATION NAME: VANCE AFB OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: DEC HOURS: 15-17

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL &	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	2.3	4.7	5.8	4.3	.3	.1	.1					17.6	11.1	12.0
020-040	1.2	2.3	3.5	.7			.1					7.7	9.5	10.0
050-070	1.3	1.2	1.0									3.5	6.6	7.0
(E) 080-100	1.4	.8	.1									2.3	4.2	4.0
110-130	.7	.9										1.5	5.0	5.0
140-160	2.2	5.2	3.1	.3								10.9	7.8	8.0
(S) 170-190	1.3	6.9	7.5	2.9	.9	.3						19.9	10.7	10.0
200-220	1.5	4.2	2.2	.9								8.8	8.3	8.0
230-250	1.0	.9	.5									2.4	5.9	5.0
(W) 260-280	1.1	1.6	.7	.1	.1							3.6	7.1	6.0
290-310	1.1	1.5	.8	.3	.4							4.1	9.1	8.0
320-340	2.1	3.3	4.9	2.9	.1							13.2	10.2	10.0
VARIABLE														
CALM	////////////////////											4.6	////////	////////
TOTALS	17.2	33.5	30.1	12.4	1.8	.4	.2					100.0	8.9	9.0

TOTAL NUMBER OF OBSERVATIONS 921

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723535

STATION NAME: VANCE AFB OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: DEC HOURS: 18-20

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	3.3	6.5	5.4	3.0	.3	.3						18.9	9.7	9.0
020-040	1.9	2.8	2.7	.8	.1							8.2	8.6	9.0
050-070	1.3	1.5	.1									3.0	5.0	5.0
(E) 080-100	.9	.8	.1									1.8	4.7	4.5
110-130	2.1	2.8	.3									5.2	5.5	6.0
140-160	4.2	7.5	1.1	.4	.1							13.4	6.3	6.0
(S) 170-190	4.2	9.6	3.7	.8	.3	.1						18.7	7.8	7.0
200-220	1.3	2.8	1.2	.1	.2							5.6	7.5	7.0
230-250	.8	.9										1.7	4.6	5.0
(W) 260-280	1.0	.9	.1									2.0	5.3	4.5
290-310	2.3	.9	.9	.1								4.2	6.1	4.0
320-340	1.2	2.5	2.1	1.2								7.1	9.0	8.0
VARIABLE														
CALM	////////////////////											10.3	////////	
TOTALS	24.5	39.5	17.7	6.4	1.0	.4						100.0	6.9	7.0

TOTAL NUMBER OF OBSERVATIONS 904

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723535

STATION NAME: VANCE AFB OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: DEC HOURS: 21-23

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	2.9	5.5	3.5	2.1	.7							14.6	9.3	8.0
020-040	1.4	2.9	3.3	1.3								9.0	9.4	10.0
050-070	.9	1.6		.1								2.6	6.1	5.0
(E) 080-100	1.1	2.0	.1									3.2	5.4	5.0
110-130	2.8	2.2	.2									5.2	5.0	4.0
140-160	3.6	7.1	1.8	.7								13.2	6.9	6.0
(S) 170-190	3.0	8.4	3.8	.7	.3							16.2	7.9	7.0
200-220	1.9	5.4	.9	.2	.1							8.5	7.2	7.0
230-250	1.1	1.3	.3									2.8	5.8	6.0
(W) 260-280	1.0	2.1										3.1	5.1	6.0
290-310	1.8	2.6	.7	.2	.1							5.4	6.4	5.0
320-340	1.4	2.5	3.3	.4	.7	.2						8.6	10.1	10.0
VARIABLE														
CALM	////////////////////////////////////											7.7	////////////////////////////////	
TOTALS	22.9	43.6	17.9	5.7	1.9	.2						100.0	7.1	7.0

TOTAL NUMBER OF OBSERVATIONS 897

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723535

STATION NAME: VANCE AFB OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: DEC HOURS: ALL

DIRECTION	WIND SPEED IN KNOTS											TOTAL	MEAN	MEDIAN
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(DEGREES)												%	WIND	WIND
(W) 350-010	2.5	4.6	5.5	3.5	.9	.1	.0					17.2	10.8	11.0
020-040	1.6	2.5	2.8	1.1	.3	.0	.0					8.3	9.7	10.0
050-070	1.0	1.2	.5	.0	.0							2.8	6.4	6.0
(E) 080-100	1.1	1.2	.1									2.5	5.0	5.0
110-130	1.5	2.3	.5	.0								4.3	5.9	6.0
140-160	2.6	5.2	1.7	.4	.1							10.0	7.1	6.0
(S) 170-190	2.2	6.2	5.1	1.8	.7	.1	.0					16.2	9.7	9.0
200-220	1.8	4.0	1.6	.6	.1							8.2	7.9	7.0
230-250	1.2	1.6	.5	.1	.0							3.3	6.2	5.0
(W) 260-280	1.8	2.3	.5	.1	.0							4.7	6.0	6.0
290-310	1.6	3.0	1.2	.4	.2							6.4	7.7	7.0
320-340	1.6	2.9	3.3	1.6	.4	.0						9.7	10.0	10.0
VARIABLE														
CALM	////////////////////////////////////											6.5	////////////////////////////////	
TOTALS	20.5	37.0	23.3	9.6	2.7	.2						100.0	8.1	8.0

TOTAL NUMBER OF OBSERVATIONS 7286

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723535

STATION NAME: VANCE AFB OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: DEC HOURS: ALL

CATEGORY A: CEILING GE 200 BUT LESS THAN 1500 FEET WITH VISIBILITY GE 1/2 MILE (0800 METERS).

AND/OR

VISIBILITY GE 1/2 MILE (0800 METERS) BUT LESS THAN 3 MILES (4800 METERS); WITH CEILING GE 200 FEET.

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	2.5	7.2	9.4	8.2	2.2		.1					29.6	12.0	12.0
020-040	1.6	3.8	4.9	2.6	.5							13.4	10.5	10.0
050-070	1.1	1.4	.6									3.1	6.8	7.0
(E) 080-100	1.1	2.4	.2									3.7	5.2	5.0
110-130	.8	1.5	.8	.1								3.2	7.1	7.0
140-160	.8	1.7	2.1	.7								5.3	9.3	10.0
(S) 170-190	1.3	3.6	5.3	2.8	.8							14.8	11.9	12.0
200-220	.3	1.5	.6	.6								3.0	9.2	7.0
230-250	.4	.8	.2									1.4	5.9	5.5
(W) 260-280	.9	.8	.3									1.9	5.8	5.0
290-310	.8	1.9	1.4	.3	.1							4.5	8.3	8.0
320-340	1.1	2.1	5.9	2.3	.4	.1						11.9	11.4	12.0
VARIABLE														
CALM	////////////////////////////////////											4.3	////////////////////////////////	
TOTALS	12.7	28.7	31.7	17.6	5.0	.1	.1					100.0	10.0	10.0

TOTAL NUMBER OF OBSERVATIONS 1136

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723535

STATION NAME: VANCE AFB OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: ALL HOURS: ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(M) 350-010	1.8	3.2	3.5	1.8	.7	.1	.0	.0				11.0	10.5	10.0
020-040	1.5	2.8	2.1	.6	.2	.0	.0	.0				7.2	8.6	8.0
050-070	1.3	2.2	.7	.1	.0	.0						4.3	6.5	6.0
(E) 080-100	1.6	2.1	.5	.0	.0							4.2	5.8	5.0
110-130	2.3	3.7	1.0	.1	.0	.0						7.1	6.3	6.0
140-160	3.4	7.4	3.2	.7	.1	.0	.0					14.8	7.5	7.0
(S) 170-190	2.5	7.6	7.0	2.7	.8	.1	.0	.0				20.7	10.0	10.0
200-220	1.5	3.2	2.7	1.2	.3	.0	.0					8.9	9.6	9.0
230-250	1.0	1.2	.5	.1	.0	.0	.0					2.9	6.8	6.0
(W) 260-280	1.1	1.2	.3	.1	.0	.0	.0					2.8	6.3	5.0
290-310	1.3	1.5	.8	.3	.1	.0	.0	.0				4.0	7.8	6.0
320-340	1.4	2.1	1.9	1.0	.4	.1	.0					6.9	10.0	9.0
VARIABLE														
CALM	////////////////////											5.2	////////	
TOTALS	20.7	38.2	24.2	8.7	2.6	.3						100.0	8.2	8.0

TOTAL NUMBER OF OBSERVATIONS: 87467

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723535

STATION NAME: VANCE AFB OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: ALL HOURS: ALL

CATEGORY A: CEILING GE 200 BUT LESS THAN 1500 FEET WITH VISIBILITY GE 1/2 MILE (0800 METERS).

AND/OR

VISIBILITY GE 1/2 MILE (0800 METERS) BUT LESS THAN 3 MILES (4800 METERS) WITH CEILING GE 200 FEET.

WIND SPEED IN KNOTS														
DIRECTION	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL	MEAN	MEDIAN
(DEGREES)												%	WIND	WIND
(N) 350-010	1.6	5.7	9.6	5.9	2.8	.6	.1	.1				26.4	12.9	12.0
020-040	1.4	4.2	5.1	1.7	.8	.2	.0	.0				13.5	10.9	10.0
050-070	1.4	2.8	1.6	.3	.0							6.1	7.7	8.0
(E) 080-100	1.3	2.8	1.1	.1								5.3	7.0	7.0
110-130	1.5	3.4	2.1	.1	.1	.0						7.2	7.8	7.0
140-160	1.1	3.2	3.6	1.0	.2	.0						9.0	9.8	10.0
(S) 170-190	1.0	2.9	4.2	1.9	.7	.0						10.7	11.2	11.0
200-220	.4	1.1	.9	.3	.0	.0						2.8	9.2	9.0
230-250	.5	.5	.1									1.0	5.1	5.0
(W) 260-280	.4	.4	.4	.1	.1		.0					1.3	8.3	7.0
290-310	.6	.9	1.1	.4	.3	.1	.0	.0				3.3	11.3	10.0
320-340	.9	2.3	3.8	1.8	.7	.2	.0					9.7	11.0	12.0
VARIABLE														
CALM	////////////////////////////////////											3.7	////////////////////////////////	
TOTALS	12.1	30.2	33.6	13.6	5.7	1.1	.1	.1				100.0	10.3	10.0

TOTAL NUMBER OF OBSERVATIONS: 7962

PPPPPPPP	AAAAAA	RRRRRRRR	TTTTTTTTTT	DDDDDDDD
PPPPPPPP	AAAAAAA	RRRRRRRRR	TTTTTTTTTTT	DDDDDDDDDD
PP PP	AA AA	RR RR	TT	DD DD
PP PP	AA AA	RR RR	TT	DD DD
PPPPPPPP	AA AA	RRRRRRRRR	TT	DD DD
PPPPPPPP	AAAAAAAAA	RRRRRRRRR	TT	DD DD
PP	AAAAAAAAA	RR RR	TT	DD DD
PP	AA AA	RR RR	TT	DD DD
PP	AA AA	RR RR	TT	DD DD
PP	AA AA	RR RR	TT	DDDDDDDD
				DDDDDDDD

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PART D

CEILING VERSUS VISIBILITY AND SKY COVER SUMMARIES

CEILING VS VISIBILITY--PERCENT OCCURRENCE FREQUENCY (POF).

CREATED FROM HOURLY OBSERVATIONS, THIS SUMMARY IS A BIVARIATE DISTRIBUTION OF PERCENTAGE FREQUENCY BY CLASSES OF CEILING (FROM ZERO FEET TO 20,000 FEET-- "NO CEILING" IS A SEPARATE CLASS) VERSUS VISIBILITY CLASSES (FROM ZERO MILES (METERS) TO GREATER THAN OR EQUAL TO 7 STATUTE MILES (11,200 METERS)). THE TABLES SUMMARIZE THE DATA AS FOLLOWS:

- BY EIGHT 3-HOUR STANDARD TIME PERIODS FOR EACH MONTH (ALL YEARS COMBINED).
- BY MONTH (ALL YEARS AND ALL HOURS COMBINED).
- BY YEAR (ALL YEARS AND ALL HOURS COMBINED).

BECAUSE OF THE CUMULATIVE NATURE OF THESE SUMMARIES, IT IS POSSIBLE TO DETERMINE THE PERCENTAGE OCCURRENCE FREQUENCY (POF) FOR ANY GIVEN CEILING AND/OR VISIBILITY LIMIT(S), EITHER SEPARATELY OR IN ANY COMBINATION. TOTALS PROGRESS FROM RIGHT TO LEFT AND FROM BOTTOM TO TOP. TO DETERMINE CEILING ALONE, REFER TO THE EXTREME RIGHT-HAND COLUMN (ZERO VISIBILITY). TO DETERMINE VISIBILITY ALONE, REFER TO THE BOTTOM ROW (ZERO CEILINGS). DETERMINE THE POF THAT MEETS OR EXCEEDS ANY GIVEN SET OF MAXIMA BY READING THE VALUE AT THE INTERSECTION OF THE APPROPRIATE CEILING ROW AND VISIBILITY COLUMN.

NOTE 1: IN JANUARY 1968, METAR STATIONS BEGAN REPORTING VISIBILITIES TO 6 STATUTE MILES OR 9000 METERS. VALUES EXCEEDING 9000 METERS ARE REPORTED AS "9999."

NOTE 2: FOR OVERSEAS CIVILIAN STATIONS REPORTING "CAVOK", ALL CEILINGS GREATER THAN 5000 FEET APPEAR IN THE 5000 FEET CLASS.

CONVERSIONS: 1 STATUTE MILE = 1,609.344 METERS = .868391 NAUTICAL MILES.
FOR CONVENIENCE, THE CONVERSION OFTEN USED IS 1 STATUTE MILE = 1,600 METERS.

SKY COVER--PERCENT OCCURRENCE FREQUENCY.

ALSO CREATED FROM HOURLY OBSERVATIONS, THIS SUMMARY GIVES PERCENTAGE OCCURRENCE FREQUENCY (POF) OF SKY COVER IN EIGHTHS FOR SYNOPTIC STATIONS, BUT AS CLEAR, SCATTERED, BROKEN, OVERCAST, PARTIALLY OBSCURED, OR TOTALLY OBSCURED FOR AIRWAYS STATIONS. FOR AIRWAYS STATIONS, THIS SUMMARY ALSO GIVES POF FOR SKY COVER GREATER THAN ONE-HALF (I.E., 6/10). DATA IS SUMMARIZED THE SAME AS FOR PREVIOUS TABLE.

NOTE 1. THESE SUMMARIES ARE NOT AVAILABLE FOR METAR REPORTING STATIONS.

NOTE 2. AIRWAYS STATIONS THAT HAVE REPORTED IN SYNOPTIC CODE HAVE HAD THEIR
SYNOPTIC SKY COVER REPORTS CONVERTED AS FOLLOWS:

0/8.....CLEAR
1/8 THRU 4/8.....SCATTERED
5/8 THRU 7/8....BROKEN
8/8.....OVERCAST

NOTE 3. "PARTIAL OBSCURATION" IS A SEPARATE CATEGORY NOT INCLUDED IN
COMPUTATION OF "GREATER THAN 1/2" PERCENTAGES. "TOTAL OBSCURATIONS,"
HOWEVER, ARE INCLUDED.

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OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723535

STATION NAME: VANCE AFB OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: JAN HOURS: 00-02

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	70.3	70.8	71.5	71.8	72.1	72.1	72.1	72.1	72.1	72.2	72.2	72.2	72.2	72.2	72.2	72.5
GE 20000	74.1	74.5	75.3	75.6	75.8	75.8	75.8	75.8	75.8	75.9	75.9	75.9	75.9	75.9	75.9	76.3
GE 18000	74.1	74.5	75.3	75.6	75.8	75.8	75.8	75.8	75.8	75.9	75.9	75.9	75.9	75.9	75.9	76.3
GE 16000	74.1	74.5	75.3	75.6	75.8	75.8	75.8	75.8	75.8	75.9	75.9	75.9	75.9	75.9	75.9	76.3
GE 14000	74.2	74.6	75.4	75.7	75.9	75.9	75.9	75.9	75.9	76.1	76.1	76.1	76.1	76.1	76.1	76.4
GE 12000	74.2	74.6	75.4	75.7	75.9	75.9	75.9	75.9	75.9	76.1	76.1	76.1	76.1	76.1	76.1	76.4
GE 10000	75.9	76.4	77.1	77.5	77.7	77.7	77.7	77.7	77.7	77.8	77.8	77.8	77.8	77.8	77.8	78.1
GE 9000	76.1	76.5	77.2	77.6	77.8	77.8	77.8	77.8	77.8	77.9	77.9	77.9	77.9	77.9	77.9	78.2
GE 8000	77.3	77.8	78.5	78.9	79.1	79.1	79.1	79.1	79.1	79.2	79.2	79.2	79.2	79.2	79.2	79.5
GE 7000	77.9	78.3	79.1	79.4	79.6	79.6	79.6	79.6	79.6	79.7	79.7	79.7	79.7	79.7	79.7	80.0
GE 6000	78.3	78.7	79.5	79.8	80.0	80.0	80.0	80.0	80.0	80.2	80.2	80.2	80.2	80.2	80.2	80.5
GE 5000	78.7	79.2	79.9	80.3	80.5	80.5	80.5	80.5	80.5	80.6	80.6	80.6	80.6	80.6	80.6	80.9
GE 4500	79.7	80.3	81.0	81.3	81.6	81.6	81.6	81.6	81.6	81.7	81.7	81.7	81.7	81.7	81.7	82.0
GE 4000	80.0	80.6	81.3	81.7	82.1	82.1	82.2	82.2	82.2	82.3	82.3	82.3	82.3	82.3	82.3	82.6
GE 3500	80.4	80.9	81.8	82.1	82.5	82.5	82.6	82.6	82.6	82.7	82.7	82.7	82.7	82.7	82.7	83.1
GE 3000	80.8	81.4	82.5	83.1	83.7	83.7	83.8	83.8	83.8	83.9	83.9	83.9	83.9	83.9	83.9	84.3
GE 2500	81.2	81.9	83.0	83.5	84.1	84.1	84.3	84.3	84.3	84.4	84.4	84.4	84.4	84.4	84.4	84.7
GE 2000	82.8	83.5	84.9	85.4	86.3	86.3	86.4	86.4	86.4	86.5	86.5	86.5	86.5	86.5	86.5	86.8
GE 1800	84.0	84.7	86.1	86.6	87.5	87.5	87.6	87.6	87.6	87.7	87.7	87.7	87.7	87.7	87.7	88.0
GE 1500	84.6	85.3	86.8	87.4	88.3	88.3	88.5	88.5	88.5	88.6	88.6	88.6	88.6	88.6	88.6	88.9
GE 1200	85.0	85.8	87.3	87.8	88.8	88.8	88.9	88.9	88.9	89.0	89.0	89.0	89.0	89.0	89.0	89.3
GE 1000	85.3	86.2	87.9	88.7	89.9	89.9	90.0	90.3	90.3	90.4	90.4	90.4	90.4	90.4	90.4	90.7
GE 900	85.9	86.7	88.6	89.3	90.5	90.5	90.6	90.9	90.9	91.0	91.0	91.0	91.0	91.0	91.0	91.4
GE 800	86.8	87.7	89.5	90.4	91.7	91.7	91.8	92.3	92.3	92.7	92.7	92.7	92.7	92.7	92.7	93.0
GE 700	86.9	87.8	89.8	90.6	92.0	92.0	92.1	92.7	92.7	93.0	93.0	93.0	93.0	93.0	93.0	93.3
GE 600	87.3	88.1	90.1	90.9	92.4	92.4	92.6	93.1	93.1	93.4	93.4	93.4	93.4	93.4	93.4	93.7
GE 500	87.5	88.6	90.5	91.5	93.1	93.1	93.2	94.0	94.0	94.3	94.6	94.6	94.6	94.6	94.6	94.9
GE 400	88.3	89.4	91.6	92.8	94.6	94.6	94.8	95.6	95.6	96.0	96.3	96.3	96.3	96.3	96.3	96.7
GE 300	88.3	89.4	91.6	92.8	94.9	94.9	95.3	96.2	96.2	96.9	97.2	97.2	97.2	97.2	97.2	97.5
GE 200	88.5	89.5	91.7	93.0	95.3	95.3	95.6	96.5	96.5	97.4	97.7	97.7	97.7	97.7	97.7	98.2
GE 100	88.5	89.5	91.7	93.0	95.3	95.3	95.6	96.8	96.8	97.8	98.2	98.2	98.2	98.2	98.4	99.2
GE 000	88.5	89.5	91.7	93.0	95.3	95.3	95.6	96.8	96.8	97.8	98.2	98.2	98.2	98.2	98.4	100.0

TOTAL NUMBER OF OBSERVATIONS 927

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723535

STATION NAME: VANCE AFB OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: JAN HOURS: 03-05

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	67.3	68.4	68.7	68.8	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.1	69.4
GE 20000	70.4	71.5	72.0	72.1	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.4	72.6
GE 18000	70.4	71.5	72.0	72.1	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.4	72.6
GE 16000	70.4	71.5	72.0	72.1	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.4	72.6
GE 14000	70.8	72.0	72.6	72.7	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	73.0	73.2
GE 12000	71.4	72.6	73.2	73.4	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.7	73.9
GE 10000	73.1	74.3	75.0	75.1	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.4	75.6
GE 9000	73.1	74.3	75.0	75.1	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.4	75.6
GE 8000	74.6	75.8	76.5	76.8	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.1	77.3
GE 7000	75.1	76.3	76.9	77.2	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.6	77.8
GE 6000	75.7	76.9	77.6	77.9	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.2	78.4
GE 5000	76.8	78.0	78.6	79.0	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.3	79.5
GE 4500	77.5	78.7	79.4	79.7	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	80.0	80.3
GE 4000	77.5	78.7	79.5	79.8	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.3	80.5
GE 3500	77.8	79.1	79.8	80.2	80.6	80.6	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.8	81.0
GE 3000	78.0	79.3	80.2	80.6	81.0	81.0	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.2	81.4
GE 2500	79.0	80.3	81.1	81.6	82.0	82.0	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.2	82.4
GE 2000	80.6	82.0	83.0	83.5	83.9	83.9	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.1	84.4
GE 1800	81.1	82.5	83.5	84.1	84.6	84.6	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.8	85.0
GE 1500	81.8	83.3	84.4	85.2	85.7	85.7	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.1	86.3
GE 1200	82.4	83.9	85.0	85.9	86.3	86.3	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.7	86.9
GE 1000	83.6	85.1	86.2	87.4	88.5	88.5	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.9	89.1
GE 900	83.9	85.4	86.5	87.7	88.8	88.8	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.2	89.4
GE 800	84.1	85.9	87.1	88.2	89.5	89.5	89.9	89.9	89.9	89.9	90.1	90.1	90.1	90.1	90.2	90.4
GE 700	84.6	86.5	87.7	89.1	90.4	90.4	90.8	90.9	90.9	90.9	91.2	91.2	91.2	91.2	91.3	91.5
GE 600	84.9	86.8	88.0	89.4	90.7	90.7	91.3	91.4	91.4	91.4	91.8	91.8	91.8	91.8	91.9	92.1
GE 500	85.0	87.1	88.2	89.6	91.0	91.2	91.7	91.8	91.8	91.8	92.3	92.8	92.8	92.8	92.9	93.1
GE 400	85.7	87.9	89.1	90.6	92.1	92.2	92.9	93.0	93.0	93.5	94.1	94.1	94.3	94.3	94.4	94.6
GE 300	86.0	88.5	89.9	91.6	93.5	93.6	94.4	94.5	94.5	95.0	95.6	95.6	95.9	95.9	96.0	96.2
GE 200	86.1	88.6	90.0	91.7	93.9	94.0	94.9	95.0	95.3	96.0	96.8	96.8	97.3	97.3	97.4	97.6
GE 100	86.2	88.7	90.1	91.8	94.0	94.1	95.0	95.1	95.4	96.3	97.2	97.2	97.7	97.7	98.1	99.0
GE 000	86.2	88.7	90.1	91.8	94.0	94.1	95.0	95.1	95.4	96.3	97.2	97.2	97.7	97.7	98.1	100.0

TOTAL NUMBER OF OBSERVATIONS 927

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723535

STATION NAME: VANCE AFB OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: JAN HOURS: 06-08

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	62.6	64.7	65.2	65.7	65.9	66.0	66.2	66.3	66.3	66.5	66.5	66.5	66.5	66.5	66.7	67.0
GE 20000	66.3	68.6	69.0	69.6	69.8	69.9	70.1	70.2	70.2	70.3	70.3	70.3	70.3	70.3	70.6	70.9
GE 18000	66.5	68.7	69.1	69.7	69.9	70.0	70.2	70.3	70.3	70.4	70.4	70.4	70.4	70.4	70.7	71.0
GE 16000	66.6	68.8	69.3	69.8	70.0	70.1	70.3	70.4	70.4	70.6	70.6	70.6	70.6	70.6	70.8	71.1
GE 14000	67.1	69.4	69.9	70.4	70.7	70.8	71.0	71.1	71.1	71.2	71.2	71.2	71.2	71.2	71.4	71.7
GE 12000	67.9	70.2	70.9	71.4	71.6	71.7	72.0	72.1	72.1	72.2	72.2	72.2	72.2	72.2	72.4	72.7
GE 10000	69.1	71.5	72.2	72.7	72.9	73.0	73.2	73.4	73.4	73.5	73.5	73.5	73.5	73.5	73.7	74.0
GE 9000	69.3	71.6	72.3	72.8	73.0	73.1	73.4	73.5	73.5	73.6	73.6	73.6	73.6	73.6	73.8	74.1
GE 8000	70.1	72.5	73.1	73.7	73.9	74.0	74.2	74.3	74.3	74.4	74.5	74.5	74.5	74.5	74.8	75.1
GE 7000	70.4	72.8	73.5	74.0	74.2	74.3	74.5	74.6	74.6	74.8	74.9	74.9	74.9	74.9	75.1	75.4
GE 6000	71.0	73.6	74.2	74.8	75.0	75.1	75.3	75.4	75.4	75.5	75.6	75.6	75.6	75.6	75.8	76.2
GE 5000	71.7	74.3	75.0	75.5	75.7	75.8	76.1	76.2	76.2	76.3	76.4	76.4	76.4	76.4	76.6	76.9
GE 4500	72.6	75.2	75.9	76.5	76.7	76.8	77.0	77.1	77.1	77.2	77.3	77.3	77.3	77.3	77.6	77.9
GE 4000	73.5	76.2	76.9	77.5	77.7	77.8	78.0	78.1	78.1	78.2	78.3	78.3	78.3	78.3	78.5	78.9
GE 3500	74.0	76.7	77.5	78.0	78.2	78.3	78.6	78.7	78.7	78.9	79.0	79.0	79.0	79.0	79.2	79.5
GE 3000	74.4	77.1	78.0	78.5	78.7	78.9	79.2	79.3	79.3	79.4	79.5	79.5	79.5	79.5	79.7	80.0
GE 2500	75.5	78.2	79.1	79.6	79.8	79.9	80.4	80.5	80.5	80.6	80.7	80.7	80.7	80.7	80.9	81.2
GE 2000	76.7	79.4	80.4	81.0	81.2	81.3	81.8	81.9	81.9	82.0	82.1	82.1	82.1	82.1	82.3	82.6
GE 1800	76.8	79.7	80.7	81.4	81.7	81.8	82.2	82.3	82.3	82.4	82.5	82.5	82.5	82.5	82.7	83.1
GE 1500	77.6	80.5	82.0	82.8	83.1	83.2	83.6	83.7	83.7	83.8	83.9	83.9	83.9	83.9	84.1	84.5
GE 1200	78.5	82.0	83.5	84.5	84.7	84.8	85.2	85.3	85.3	85.4	85.5	85.5	85.5	85.5	85.8	86.1
GE 1000	79.8	83.6	85.2	86.4	87.1	87.2	87.6	87.7	87.7	87.8	87.9	87.9	87.9	87.9	88.1	88.5
GE 900	80.5	84.3	86.2	87.4	88.0	88.1	88.6	88.7	88.9	89.0	89.1	89.1	89.1	89.1	89.3	89.6
GE 800	80.9	84.7	86.8	88.1	88.9	89.0	89.5	89.6	89.9	90.1	90.2	90.2	90.2	90.2	90.4	90.7
GE 700	81.2	85.0	87.2	88.7	89.5	89.6	90.3	90.5	90.7	91.0	91.2	91.2	91.2	91.2	91.4	91.7
GE 600	81.2	85.0	87.2	88.7	89.5	89.6	90.4	90.6	90.8	91.2	91.3	91.3	91.3	91.3	91.5	91.8
GE 500	81.4	85.2	87.5	89.0	89.9	90.0	90.9	91.5	91.7	92.3	92.7	92.7	92.8	92.8	93.0	93.3
GE 400	81.8	85.5	87.9	89.4	90.3	90.5	91.7	92.3	92.6	93.2	93.5	93.5	93.6	93.6	94.0	94.4
GE 300	81.8	85.7	88.0	89.8	90.9	91.2	93.1	93.7	94.1	94.8	95.1	95.1	95.3	95.3	95.6	96.0
GE 200	81.8	85.9	88.2	90.3	91.7	91.9	94.4	95.0	95.7	96.5	97.3	97.3	97.6	97.6	98.0	98.4
GE 100	81.8	85.9	88.2	90.3	91.7	91.9	94.4	95.0	95.7	96.7	97.7	97.7	98.2	98.2	98.5	99.6
GE 000	81.8	85.9	88.2	90.3	91.7	91.9	94.4	95.0	95.7	96.7	97.7	97.7	98.2	98.2	98.5	100.0

TOTAL NUMBER OF OBSERVATIONS 927

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723535

STATION NAME: VANCE AFB OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: JAN HOURS: 09-11

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	57.0	58.0	58.3	59.0	59.5	59.5	59.7	59.8	59.8	59.8	59.8	59.8	59.9	59.9	60.0	60.1
GE 20000	66.2	67.4	67.6	68.6	69.3	69.3	69.4	69.5	69.5	69.5	69.5	69.5	69.6	69.6	69.7	69.8
GE 18000	66.8	68.0	68.2	69.1	69.8	69.8	69.9	70.0	70.0	70.0	70.0	70.0	70.1	70.1	70.2	70.3
GE 16000	67.2	68.4	68.6	69.6	70.2	70.2	70.3	70.4	70.4	70.4	70.4	70.4	70.6	70.6	70.7	70.8
GE 14000	68.2	69.5	69.7	70.7	71.3	71.3	71.4	71.5	71.5	71.5	71.5	71.5	71.6	71.6	71.7	71.8
GE 12000	68.9	70.3	70.7	71.6	72.3	72.3	72.4	72.5	72.5	72.5	72.5	72.5	72.6	72.6	72.7	72.8
GE 10000	71.0	72.5	72.8	73.8	74.4	74.4	74.5	74.6	74.6	74.6	74.6	74.6	74.8	74.8	74.9	75.0
GE 9000	71.1	72.6	72.9	73.9	74.5	74.5	74.6	74.8	74.8	74.8	74.8	74.8	74.9	74.9	75.0	75.1
GE 8000	72.8	74.3	74.6	75.6	76.3	76.4	76.5	76.8	76.8	76.8	76.8	76.8	76.9	76.9	77.0	77.1
GE 7000	73.1	74.6	75.0	75.9	76.6	76.7	76.8	77.1	77.1	77.1	77.1	77.1	77.2	77.2	77.3	77.5
GE 6000	73.4	75.0	75.3	76.3	76.9	77.0	77.1	77.5	77.5	77.5	77.5	77.5	77.6	77.6	77.7	77.8
GE 5000	73.8	75.4	75.7	76.7	77.3	77.5	77.6	77.9	77.9	77.9	77.9	77.9	78.0	78.0	78.1	78.2
GE 4500	73.9	75.5	75.8	76.8	77.5	77.6	77.7	78.0	78.0	78.0	78.0	78.0	78.1	78.1	78.2	78.3
GE 4000	74.3	75.9	76.5	77.5	78.1	78.2	78.3	78.6	78.6	78.6	78.6	78.6	78.7	78.7	78.9	79.0
GE 3500	74.8	76.4	76.9	77.9	78.5	78.6	78.7	79.1	79.1	79.1	79.1	79.1	79.2	79.2	79.3	79.4
GE 3000	75.0	76.6	77.1	78.1	78.7	78.9	79.1	79.4	79.4	79.4	79.4	79.4	79.5	79.5	79.6	79.7
GE 2500	75.5	77.2	77.9	78.9	79.5	79.6	79.8	80.2	80.2	80.2	80.2	80.2	80.3	80.3	80.4	80.5
GE 2000	76.4	78.1	79.0	80.2	80.9	81.0	81.3	81.7	81.7	81.7	81.7	81.7	81.8	81.8	81.9	82.0
GE 1800	76.5	78.3	79.2	80.4	81.1	81.2	81.6	81.9	81.9	81.9	81.9	81.9	82.0	82.0	82.1	82.2
GE 1500	76.6	78.5	79.7	80.9	81.7	81.8	82.1	82.4	82.4	82.4	82.4	82.4	82.5	82.5	82.6	82.7
GE 1200	77.6	79.9	81.2	82.4	83.2	83.3	83.6	84.0	84.0	84.0	84.0	84.0	84.1	84.1	84.3	84.4
GE 1000	78.7	81.8	83.5	85.2	86.5	86.6	87.3	87.8	87.8	87.9	87.9	87.9	88.0	88.0	88.1	88.2
GE 900	79.5	82.6	84.5	86.3	87.6	87.7	88.5	89.0	89.2	89.3	89.3	89.3	89.4	89.4	89.5	89.6
GE 800	79.7	82.8	84.9	86.7	88.0	88.2	89.2	89.8	90.0	90.1	90.2	90.2	90.3	90.3	90.4	90.5
GE 700	79.9	83.1	85.1	87.3	88.6	88.8	89.8	90.3	90.6	90.8	90.9	90.9	91.0	91.0	91.2	91.3
GE 600	80.0	83.3	85.3	87.5	88.9	89.1	90.2	90.7	91.0	91.4	91.5	91.5	91.6	91.6	91.7	91.8
GE 500	80.3	83.5	85.9	88.3	90.1	90.3	91.5	92.3	92.9	93.3	93.5	93.5	93.7	93.7	93.9	94.0
GE 400	80.5	83.9	86.4	88.9	90.9	91.2	92.3	93.2	94.0	94.6	94.8	94.8	95.0	95.0	95.1	95.3
GE 300	80.5	83.9	86.5	89.0	91.3	91.9	93.3	94.4	95.7	96.7	97.1	97.1	97.4	97.4	97.5	97.6
GE 200	80.5	83.9	86.5	89.3	91.6	92.2	93.6	94.8	96.2	97.4	98.4	98.4	98.8	98.8	99.0	99.2
GE 100	80.5	83.9	86.5	89.3	91.6	92.2	93.6	94.8	96.2	97.4	98.4	98.4	99.1	99.1	99.4	99.8
GE 000	80.5	83.9	86.5	89.3	91.6	92.2	93.6	94.8	96.2	97.4	98.4	98.4	99.1	99.1	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS 927

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723535

STATION NAME: VANCE AFB OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: JAN HOURS: 12-14

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	61.7	61.9	62.2	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4
GE 20000	71.7	72.0	72.4	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5
GE 18000	72.6	72.8	73.2	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4
GE 16000	72.6	72.8	73.2	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4
GE 14000	73.9	74.1	74.5	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6
GE 12000	74.3	74.5	75.0	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1
GE 10000	76.3	76.6	77.3	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5
GE 9000	76.3	76.6	77.3	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5
GE 8000	77.1	77.5	78.3	78.5	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9
GE 7000	77.5	77.8	78.6	78.9	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2
GE 6000	77.5	77.8	78.6	78.9	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2
GE 5000	77.6	77.9	78.7	79.0	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3
GE 4500	77.7	78.0	78.9	79.1	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
GE 4000	78.4	78.7	79.6	79.8	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2
GE 3500	78.7	79.1	79.9	80.2	80.5	80.5	80.5	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6
GE 3000	79.7	80.0	80.9	81.1	81.4	81.4	81.4	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6
GE 2500	80.4	80.7	81.9	82.1	82.5	82.5	82.5	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
GE 2000	81.1	81.8	83.2	83.4	83.8	83.8	83.8	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
GE 1800	81.1	81.8	83.2	83.4	83.8	83.8	84.0	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1
GE 1500	82.0	83.0	84.4	84.7	85.1	85.1	85.3	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4
GE 1200	83.1	84.4	86.0	86.3	86.7	86.7	86.9	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
GE 1000	84.0	85.8	87.6	88.0	88.9	88.9	89.1	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
GE 900	84.5	86.2	88.1	89.0	89.9	89.9	90.2	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5
GE 800	84.8	86.5	88.7	90.1	90.9	90.9	91.3	91.7	91.7	91.7	91.8	91.8	92.0	92.0	92.0	92.0
GE 700	85.0	86.7	89.1	90.7	91.9	91.9	92.2	92.8	92.8	92.8	92.9	92.9	93.1	93.1	93.1	93.1
GE 600	85.1	86.8	89.3	90.9	92.2	92.2	92.6	93.1	93.1	93.1	93.2	93.2	93.4	93.4	93.4	93.4
GE 500	85.1	86.9	89.4	91.3	92.8	93.0	93.6	94.8	94.8	95.0	95.1	95.1	95.4	95.4	95.4	95.4
GE 400	85.1	86.9	89.4	91.5	93.5	93.7	94.5	95.9	95.9	96.1	96.3	96.3	96.5	96.5	96.5	96.5
GE 300	85.1	86.9	89.4	91.5	93.7	94.2	95.3	97.0	97.1	97.3	97.5	97.5	97.7	97.7	97.7	97.7
GE 200	85.1	86.9	89.4	91.5	93.7	94.2	95.5	97.3	97.4	97.7	98.0	98.0	99.2	99.2	99.5	99.5
GE 100	85.1	86.9	89.4	91.5	93.7	94.2	95.5	97.3	97.5	97.8	98.3	98.3	99.6	99.6	99.9	100.0
GE 000	85.1	86.9	89.4	91.5	93.7	94.2	95.5	97.3	97.5	97.8	98.3	98.3	99.6	99.6	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 927

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723535

STATION NAME: VANCE AFB OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: JAN HOURS: 15-17

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	62.2	62.5	62.9	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1
GE 20000	72.4	72.6	73.1	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4
GE 18000	73.7	73.9	74.4	74.6	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8
GE 16000	73.7	73.9	74.4	74.6	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8
GE 14000	74.6	74.9	75.4	75.6	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7
GE 12000	75.3	75.5	76.1	76.3	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4
GE 10000	77.8	78.0	78.5	78.7	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0
GE 9000	78.2	78.4	79.0	79.2	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
GE 8000	79.6	79.8	80.4	80.6	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8
GE 7000	79.7	79.9	80.5	80.7	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9
GE 6000	79.8	80.0	80.6	80.8	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0
GE 5000	80.0	80.3	80.8	81.1	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6
GE 4500	80.5	80.7	81.2	81.6	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0
GE 4000	80.8	81.0	81.7	82.0	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4
GE 3500	81.0	81.2	81.9	82.2	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
GE 3000	82.3	82.5	83.4	83.7	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1
GE 2500	83.1	83.6	84.5	84.8	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
GE 2000	83.9	85.0	85.9	86.2	86.7	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8
GE 1800	84.3	85.4	86.5	86.9	87.5	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6
GE 1500	84.9	86.3	87.6	88.2	88.8	88.9	88.9	88.9	88.9	89.0	89.0	89.0	89.0	89.0	89.0	89.0
GE 1200	85.7	87.4	88.8	89.4	90.1	90.2	90.2	90.3	90.3	90.5	90.5	90.5	90.5	90.5	90.5	90.5
GE 1000	86.1	88.5	89.9	90.8	91.7	91.8	91.9	92.0	92.0	92.3	92.3	92.3	92.3	92.3	92.3	92.3
GE 900	86.3	88.8	90.3	91.5	92.6	92.7	92.9	93.0	93.0	93.3	93.3	93.3	93.3	93.3	93.3	93.3
GE 800	86.4	88.9	90.5	91.9	93.0	93.2	93.6	93.9	93.9	94.3	94.3	94.3	94.5	94.5	94.5	94.5
GE 700	86.4	88.9	90.5	92.1	93.3	93.5	94.0	94.3	94.3	94.7	94.7	94.7	94.9	94.9	94.9	94.9
GE 600	86.4	88.9	90.5	92.2	93.6	93.9	94.3	94.6	94.6	95.1	95.1	95.1	95.4	95.4	95.4	95.4
GE 500	86.5	89.0	90.6	92.3	94.1	94.3	94.7	95.5	95.5	96.0	96.0	96.0	96.2	96.2	96.2	96.2
GE 400	86.5	89.0	90.6	92.3	94.1	94.3	94.7	95.6	95.6	96.1	96.1	96.1	96.4	96.4	96.4	96.4
GE 300	86.5	89.0	90.8	92.6	94.3	94.8	95.4	96.3	96.4	97.0	97.0	97.0	97.3	97.3	97.3	97.3
GE 200	86.5	89.0	90.8	92.6	94.3	94.9	95.7	96.7	96.8	97.8	98.0	98.0	98.8	98.8	98.8	98.8
GE 100	86.5	89.0	90.8	92.6	94.3	94.9	95.7	96.7	96.9	98.2	98.4	98.4	99.5	99.5	99.7	99.7
GE 000	86.5	89.0	90.8	92.6	94.3	94.9	95.7	96.7	96.9	98.2	98.4	98.4	99.5	99.5	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 927

D - 2 - 6

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723535

STATION NAME: VANCE AFB OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: JAN HOURS: 18-20

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	64.6	65.0	65.5	65.6	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8
GE 20000	71.6	72.1	72.6	72.7	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9
GE 18000	72.3	72.7	73.2	73.4	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6
GE 16000	72.6	73.0	73.6	73.7	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9
GE 14000	73.0	73.5	74.0	74.1	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3
GE 12000	74.1	74.5	75.1	75.2	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4
GE 10000	76.6	77.1	77.9	78.0	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2
GE 9000	77.0	77.6	78.3	78.4	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6
GE 8000	78.7	79.3	80.0	80.2	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5
GE 7000	79.0	79.5	80.3	80.4	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7
GE 6000	79.0	79.5	80.3	80.4	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7
GE 5000	79.1	79.6	80.4	80.5	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8
GE 4500	79.6	80.2	80.9	81.0	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
GE 4000	80.6	81.1	81.9	82.0	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4
GE 3500	80.8	81.3	82.1	82.2	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7
GE 3000	81.8	82.3	83.1	83.3	83.8	83.8	83.8	83.8	83.8	83.3	83.8	83.8	83.8	83.8	83.8	83.8
GE 2500	82.7	83.7	84.5	84.7	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
GE 2000	84.7	85.9	86.7	87.2	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
GE 1800	84.8	86.0	86.8	87.4	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9
GE 1500	85.1	86.3	87.3	87.9	88.5	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
GE 1200	86.1	87.6	88.9	90.1	90.6	90.7	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
GE 1000	87.5	89.0	90.3	91.8	92.4	92.6	92.9	92.9	92.9	93.0	93.0	93.0	93.0	93.0	93.0	93.0
GE 900	87.9	89.4	90.8	92.3	93.0	93.1	93.4	93.4	93.4	93.5	93.5	93.5	93.5	93.5	93.5	93.5
GE 800	88.3	89.9	91.3	92.8	93.6	93.7	94.1	94.1	94.1	94.3	94.3	94.3	94.3	94.5	94.5	94.5
GE 700	88.5	90.0	91.5	93.0	93.9	94.0	94.3	94.3	94.4	94.6	94.6	94.6	94.8	94.8	94.8	94.8
GE 600	88.5	90.0	91.7	93.3	94.2	94.3	94.7	94.7	94.8	95.0	95.0	95.0	95.3	95.3	95.3	95.3
GE 500	88.5	90.0	91.7	93.3	94.7	94.9	95.4	95.6	95.7	95.9	96.1	96.1	96.4	96.4	96.4	96.4
GE 400	88.5	90.0	91.7	93.3	94.7	94.9	95.4	95.6	95.7	96.1	96.3	96.3	96.7	96.7	96.7	96.7
GE 300	88.7	90.2	91.9	93.5	94.9	95.5	95.9	96.5	96.7	97.1	97.3	97.3	97.6	97.6	97.6	97.6
GE 200	88.7	90.2	91.9	93.5	95.0	95.6	96.0	96.8	97.2	98.0	98.3	98.3	98.7	98.7	98.7	98.7
GE 100	88.7	90.2	91.9	93.5	95.0	95.6	96.0	96.8	97.2	98.0	98.4	98.4	99.1	99.1	99.5	99.5
GE 000	88.7	90.2	91.9	93.5	95.0	95.6	96.0	96.8	97.2	98.0	98.4	98.4	99.1	99.2	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 927

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723535

STATION NAME: VANCE AFB OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: JAN HOURS: 21-23

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	67.6	68.2	68.9	69.1	69.4	69.4	69.4	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.6
GE 20000	72.8	73.4	74.1	74.3	74.5	74.5	74.5	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.8
GE 18000	73.0	73.6	74.3	74.5	74.8	74.8	74.8	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	75.0
GE 16000	73.0	73.6	74.3	74.5	74.8	74.8	74.8	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	75.0
GE 14000	73.1	73.7	74.4	74.6	74.9	74.9	74.9	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.1
GE 12000	73.9	74.4	75.2	75.4	75.6	75.6	75.6	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.8
GE 10000	75.6	76.2	77.1	77.5	77.7	77.7	77.7	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.9
GE 9000	76.2	76.7	77.7	78.0	78.2	78.2	78.2	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.4
GE 8000	77.5	78.0	79.0	79.3	79.6	79.6	79.6	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.8
GE 7000	77.6	78.1	79.1	79.4	79.7	79.7	79.7	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.9
GE 6000	78.1	78.6	79.6	79.9	80.3	80.3	80.3	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.5
GE 5000	78.5	79.1	80.0	80.4	80.7	80.7	80.7	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.9
GE 4500	79.2	79.7	80.7	81.0	81.3	81.3	81.3	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.6
GE 4000	79.7	80.3	81.2	81.6	82.0	82.0	82.1	82.2	82.2	82.3	82.3	82.3	82.3	82.3	82.3	82.4
GE 3500	80.6	81.1	82.1	82.6	83.1	83.1	83.2	83.3	83.3	83.4	83.4	83.4	83.4	83.4	83.4	83.5
GE 3000	80.8	81.4	82.5	83.1	83.5	83.5	83.8	83.9	83.9	84.0	84.0	84.0	84.0	84.0	84.0	84.1
GE 2500	81.4	82.1	83.2	83.7	84.1	84.3	84.7	84.8	84.8	84.9	84.9	84.9	84.9	84.9	84.9	85.0
GE 2000	83.7	84.7	85.8	86.3	86.7	86.8	87.3	87.4	87.4	87.5	87.5	87.5	87.5	87.5	87.5	87.6
GE 1800	84.1	85.1	86.2	86.7	87.2	87.3	87.8	87.9	87.9	88.0	88.0	88.0	88.0	88.0	88.0	88.1
GE 1500	84.9	85.9	86.9	87.5	88.0	88.1	88.7	88.8	88.8	88.9	88.9	88.9	88.9	88.9	88.9	89.0
GE 1200	85.9	86.8	87.9	88.7	89.2	89.3	89.9	90.0	90.0	90.1	90.1	90.1	90.1	90.1	90.1	90.2
GE 1000	86.5	87.5	88.7	89.4	90.3	90.4	90.9	91.4	91.4	91.5	91.5	91.5	91.5	91.5	91.5	91.6
GE 900	86.7	87.8	89.0	89.8	90.8	90.9	91.5	91.9	91.9	92.0	92.0	92.0	92.0	92.0	92.0	92.1
GE 800	87.7	88.8	90.0	90.7	91.8	91.9	92.6	93.0	93.0	93.1	93.1	93.1	93.1	93.1	93.1	93.2
GE 700	88.0	89.1	90.4	91.3	92.3	92.4	93.1	93.5	93.5	93.6	93.6	93.6	93.6	93.6	93.6	93.7
GE 600	88.0	89.3	90.6	91.6	92.7	92.8	93.4	93.9	93.9	94.0	94.0	94.0	94.0	94.0	94.0	94.1
GE 500	88.1	89.4	90.7	91.9	93.3	93.4	94.1	94.5	94.5	94.6	94.8	94.8	94.8	94.8	94.8	94.9
GE 400	88.1	89.4	90.8	92.0	93.6	93.7	94.8	95.3	95.3	95.5	95.7	95.7	95.7	95.7	95.7	95.8
GE 300	88.1	89.4	90.8	92.0	93.7	94.1	95.3	95.8	95.8	96.2	96.4	96.4	96.5	96.5	96.5	96.7
GE 200	88.1	89.4	90.8	92.0	94.2	94.5	96.0	96.5	96.5	97.2	97.4	97.4	97.6	97.6	97.7	98.1
GE 100	88.1	89.4	90.8	92.0	94.2	94.5	96.0	96.9	96.9	97.7	98.1	98.1	98.3	98.3	98.9	99.7
GE 000	88.1	89.4	90.8	92.0	94.2	94.5	96.0	96.9	96.9	97.7	98.1	98.1	98.3	98.3	98.9	100.0

TOTAL NUMBER OF OBSERVATIONS 927

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723535

STATION NAME: VANCE AFB OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: JAN HOURS: ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	64.2	64.9	65.4	65.7	65.9	65.9	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.1	66.2
GE 20000	70.7	71.5	72.0	72.3	72.6	72.6	72.6	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.9
GE 18000	71.2	72.0	72.5	72.8	73.0	73.0	73.1	73.1	73.1	73.2	73.2	73.2	73.2	73.2	73.2	73.4
GE 16000	71.3	72.1	72.6	72.9	73.1	73.2	73.2	73.2	73.2	73.3	73.3	73.3	73.3	73.3	73.3	73.5
GE 14000	71.9	72.7	73.2	73.6	73.8	73.8	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	74.0	74.1
GE 12000	72.5	73.4	73.9	74.3	74.5	74.5	74.5	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.7	74.8
GE 10000	74.4	75.3	76.0	76.3	76.6	76.6	76.6	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.8	76.9
GE 9000	74.6	75.5	76.2	76.6	76.8	76.8	76.8	76.9	76.9	76.9	76.9	76.9	76.9	76.9	77.0	77.1
GE 8000	76.0	76.9	77.6	77.9	78.2	78.3	78.3	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.5	78.6
GE 7000	76.3	77.2	77.9	78.2	78.5	78.6	78.6	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.8	78.9
GE 6000	76.6	77.5	78.2	78.6	78.9	78.9	79.0	79.0	79.0	79.1	79.1	79.1	79.1	79.1	79.1	79.3
GE 5000	77.0	78.0	78.7	79.0	79.4	79.4	79.4	79.5	79.5	79.5	79.6	79.6	79.6	79.6	79.6	79.8
GE 4500	77.6	78.5	79.2	79.6	80.0	80.0	80.0	80.1	80.1	80.1	80.1	80.1	80.2	80.2	80.2	80.3
GE 4000	78.1	79.1	79.8	80.2	80.6	80.6	80.7	80.8	80.8	80.8	80.8	80.8	80.9	80.9	80.9	81.0
GE 3500	78.5	79.5	80.2	80.7	81.1	81.1	81.2	81.3	81.3	81.3	81.4	81.4	81.4	81.4	81.4	81.6
GE 3000	79.1	80.1	81.0	81.4	81.9	81.9	82.1	82.1	82.1	82.2	82.2	82.2	82.2	82.2	82.3	82.4
GE 2500	79.9	81.0	81.9	82.3	82.8	82.9	83.0	83.1	83.1	83.1	83.2	83.2	83.2	83.2	83.2	83.4
GE 2000	81.2	82.5	83.6	84.1	84.7	84.7	84.9	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.1	85.2
GE 1800	81.6	82.9	84.0	84.6	85.2	85.2	85.4	85.5	85.5	85.5	85.6	85.6	85.6	85.6	85.6	85.8
GE 1500	82.2	83.5	84.9	85.6	86.1	86.2	86.4	86.5	86.5	86.6	86.6	86.6	86.6	86.6	86.7	86.8
GE 1200	83.0	84.7	86.1	86.9	87.4	87.5	87.8	87.9	87.9	88.0	88.0	88.0	88.0	88.0	88.0	88.2
GE 1000	84.0	85.9	87.4	88.5	89.4	89.5	89.8	90.0	90.0	90.1	90.2	90.2	90.2	90.2	90.2	90.4
GE 900	84.4	86.4	88.0	89.2	90.1	90.2	90.6	90.8	90.9	91.0	91.0	91.0	91.0	91.0	91.1	91.2
GE 800	84.9	86.9	88.6	89.9	90.9	91.0	91.5	91.8	91.8	92.0	92.1	92.1	92.2	92.2	92.2	92.4
GE 700	85.1	87.1	88.9	90.3	91.5	91.6	92.1	92.4	92.5	92.7	92.8	92.8	92.9	92.9	92.9	93.0
GE 600	85.2	87.3	89.1	90.6	91.8	91.9	92.4	92.8	92.8	93.1	93.2	93.2	93.3	93.3	93.3	93.4
GE 500	85.3	87.5	89.3	90.9	92.4	92.5	93.1	93.7	93.9	94.2	94.5	94.5	94.6	94.6	94.6	94.8
GE 400	85.6	87.8	89.7	91.4	93.0	93.1	93.9	94.6	94.7	95.1	95.4	95.4	95.6	95.6	95.6	95.8
GE 300	85.6	87.9	89.9	91.6	93.4	93.8	94.7	95.6	95.8	96.4	96.7	96.7	96.9	96.9	96.9	97.1
GE 200	85.7	87.9	89.9	91.7	93.7	94.1	95.2	96.1	96.5	97.3	97.7	97.7	98.2	98.2	98.4	98.6
GE 100	85.7	87.9	89.9	91.7	93.7	94.1	95.2	96.2	96.6	97.5	98.1	98.1	98.7	98.7	99.0	99.6
GE 000	85.7	87.9	89.9	91.7	93.7	94.1	95.2	96.2	96.6	97.5	98.1	98.1	98.7	98.7	99.1	100.0

TOTAL NUMBER OF OBSERVATIONS 7416

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723535

STATION NAME: VANCE AFB OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: FEB HOURS: 00-02

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	58.5	59.9	60.4	60.8	60.8	60.8	61.1	61.3	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5
GE 20000	63.4	64.9	65.4	65.7	65.7	65.7	66.1	66.3	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4
GE 18000	63.4	64.9	65.4	65.7	65.7	65.7	66.1	66.3	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4
GE 16000	63.4	64.9	65.4	65.7	65.7	65.7	66.1	66.3	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4
GE 14000	63.9	65.5	66.0	66.3	66.3	66.3	66.7	66.9	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0
GE 12000	64.5	66.1	66.5	66.9	66.9	66.9	67.3	67.5	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6
GE 10000	66.8	68.3	68.8	69.1	69.1	69.1	69.5	69.7	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9
GE 9000	66.8	68.3	68.8	69.1	69.1	69.1	69.5	69.7	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9
GE 8000	67.8	69.4	69.9	70.2	70.2	70.2	70.6	70.8	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9
GE 7000	68.0	69.5	70.0	70.3	70.3	70.3	70.7	70.9	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
GE 6000	68.6	70.1	70.6	70.9	70.9	70.9	71.3	71.5	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
GE 5000	69.9	71.4	71.9	72.2	72.2	72.2	72.6	72.8	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9
GE 4500	70.3	71.9	72.3	72.7	72.7	72.7	73.0	73.3	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4
GE 4000	71.9	73.4	73.9	74.2	74.3	74.3	74.7	74.9	75.1	75.1	75.1	75.1	75.3	75.3	75.3	75.3
GE 3500	72.7	74.3	74.8	75.2	75.3	75.3	75.7	75.9	76.0	76.0	76.0	76.0	76.2	76.2	76.2	76.2
GE 3000	74.1	75.8	76.2	76.7	76.8	76.8	77.2	77.4	77.5	77.5	77.5	77.5	77.8	77.8	77.8	77.8
GE 2500	75.5	77.2	77.8	78.3	78.5	78.5	78.8	79.1	79.2	79.2	79.2	79.2	79.4	79.4	79.4	79.4
GE 2000	76.5	78.5	79.2	79.7	79.9	79.9	80.3	80.5	80.6	80.6	80.6	80.6	81.0	81.0	81.0	81.0
GE 1800	77.1	79.2	79.9	80.4	80.6	80.6	81.0	81.2	81.3	81.3	81.3	81.3	81.7	81.7	81.7	81.7
GE 1500	78.6	80.7	81.4	81.9	82.2	82.2	82.5	82.9	83.0	83.0	83.0	83.0	83.5	83.5	83.5	83.5
GE 1200	79.9	82.0	83.0	83.5	83.7	83.7	84.0	84.4	84.5	84.5	84.5	84.5	85.0	85.0	85.0	85.0
GE 1000	81.7	84.0	85.3	85.8	86.2	86.2	86.5	86.9	87.0	87.0	87.0	87.0	87.5	87.5	87.5	87.5
GE 900	82.0	84.5	85.9	86.4	86.8	86.8	87.1	87.5	87.7	87.7	87.7	87.7	88.2	88.2	88.2	88.2
GE 800	82.0	84.5	86.5	87.4	88.2	88.2	88.5	89.0	89.2	89.2	89.2	89.2	89.7	89.7	89.7	89.7
GE 700	82.2	84.6	86.8	87.8	88.8	88.8	89.1	89.6	89.8	89.8	89.8	89.8	90.3	90.3	90.3	90.3
GE 600	82.2	84.6	87.0	88.1	89.2	89.2	89.6	90.2	90.4	90.4	90.4	90.4	90.9	90.9	90.9	90.9
GE 500	82.6	85.2	88.3	89.7	91.3	91.4	91.7	92.3	92.6	92.6	92.6	92.6	93.0	93.0	93.0	93.0
GE 400	82.6	85.6	89.0	90.9	92.6	92.7	94.1	94.7	94.9	95.2	95.2	95.2	95.7	95.7	95.9	95.9
GE 300	82.7	85.7	89.4	91.3	93.0	93.4	94.8	95.4	96.0	96.3	96.6	96.6	97.2	97.2	97.3	97.4
GE 200	82.7	85.7	89.4	91.3	93.0	93.4	94.8	95.4	96.0	96.3	96.6	96.6	97.2	97.2	97.3	97.5
GE 100	82.7	85.7	89.4	91.3	93.0	93.4	94.8	95.4	96.0	96.3	96.6	96.6	97.3	97.3	97.6	98.3
GE 000	82.7	85.7	89.4	91.3	93.0	93.4	94.8	95.4	96.0	96.3	96.6	96.6	97.3	97.3	97.9	100.0

TOTAL NUMBER OF OBSERVATIONS 846

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723535

STATION NAME: VANCE AFB OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: FEB HOURS: 03-05

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	58.6	60.2	60.5	60.5	61.3	61.3	61.5	61.6	61.7	61.7	61.7	61.7	61.7	61.8	61.8	61.9
GE 20000	61.7	63.2	63.6	63.6	64.4	64.4	64.5	64.7	64.8	64.8	64.8	64.8	64.9	64.9	65.0	65.2
GE 18000	61.7	63.5	63.8	63.8	64.7	64.7	64.8	64.9	65.0	65.0	65.0	65.0	65.1	65.1	65.2	65.5
GE 16000	61.9	63.5	63.8	63.8	64.7	64.7	64.8	64.9	65.0	65.0	65.0	65.0	65.1	65.1	65.2	65.5
GE 14000	62.4	63.9	64.3	64.3	65.1	65.1	65.2	65.4	65.5	65.5	65.5	65.5	65.6	65.6	65.7	66.0
GE 12000	62.8	64.3	64.7	64.7	65.5	65.5	65.6	65.7	65.8	65.8	65.8	65.8	66.0	66.0	66.1	66.3
GE 10000	64.2	65.7	66.1	66.1	66.9	66.9	67.0	67.1	67.3	67.3	67.3	67.3	67.4	67.4	67.5	67.7
GE 9000	64.5	66.1	66.4	66.4	67.3	67.3	67.4	67.5	67.6	67.6	67.6	67.6	67.7	67.7	67.8	68.1
GE 8000	65.7	67.5	67.8	67.8	68.7	68.7	68.8	68.9	69.0	69.0	69.0	69.0	69.1	69.1	69.3	69.5
GE 7000	65.7	67.5	67.8	67.8	68.7	68.7	68.8	68.9	69.0	69.0	69.0	69.0	69.3	69.3	69.4	69.6
GE 6000	66.1	67.8	68.2	68.2	69.0	69.0	69.1	69.3	69.4	69.4	69.4	69.4	69.6	69.6	69.7	70.0
GE 5000	67.0	68.9	69.3	69.3	70.1	70.1	70.2	70.3	70.4	70.4	70.4	70.4	70.7	70.7	70.8	71.0
GE 4500	67.6	69.5	69.9	69.9	70.7	70.7	70.8	70.9	71.0	71.0	71.0	71.0	71.3	71.3	71.4	71.6
GE 4000	68.4	70.3	70.7	70.8	71.7	71.7	72.0	72.1	72.2	72.2	72.2	72.2	72.5	72.5	72.6	72.8
GE 3500	69.0	71.2	71.5	71.6	72.6	72.6	72.8	72.9	73.0	73.0	73.0	73.0	73.3	73.3	73.4	73.6
GE 3000	69.7	71.9	72.2	72.3	73.3	73.3	73.5	73.6	73.8	73.8	73.8	73.8	74.0	74.0	74.1	74.3
GE 2500	70.4	72.9	73.3	73.4	74.3	74.3	74.6	74.7	74.8	74.8	74.8	74.8	75.1	75.1	75.2	75.4
GE 2000	72.3	74.9	75.4	75.5	76.5	76.5	76.7	76.8	77.0	77.0	77.0	77.0	77.2	77.2	77.3	77.5
GE 1800	72.9	75.5	76.0	76.1	77.1	77.1	77.3	77.4	77.5	77.5	77.5	77.5	77.8	77.8	77.9	78.1
GE 1500	74.5	77.1	77.7	77.8	78.7	78.7	79.0	79.1	79.2	79.2	79.2	79.2	79.4	79.4	79.6	79.8
GE 1200	75.5	78.3	79.1	79.2	80.1	80.1	80.4	80.5	80.6	80.6	80.6	80.6	80.9	80.9	81.0	81.2
GE 1000	76.5	79.4	80.5	81.0	81.9	81.9	82.3	82.4	82.6	82.6	82.6	82.6	82.9	82.9	83.0	83.2
GE 900	77.0	79.9	81.0	81.4	82.4	82.4	82.9	83.0	83.2	83.2	83.3	83.3	83.6	83.6	83.7	83.9
GE 800	77.4	81.0	82.4	83.2	84.4	84.4	84.9	85.2	85.5	85.5	85.6	85.6	85.8	85.8	85.9	86.2
GE 700	77.8	81.3	82.7	83.7	85.9	85.9	86.4	86.8	87.0	87.0	87.1	87.1	87.4	87.4	87.5	87.7
GE 600	77.8	81.3	82.7	83.7	86.2	86.2	86.6	87.0	87.2	87.4	87.5	87.7	87.9	87.9	88.1	88.3
GE 500	78.0	81.8	83.9	85.7	88.2	88.2	88.8	89.1	89.4	89.5	89.7	90.0	90.2	90.2	90.4	90.7
GE 400	78.4	82.5	84.8	86.8	89.4	89.6	90.5	90.9	91.3	91.7	92.1	92.3	92.8	92.8	93.0	93.3
GE 300	78.4	82.5	84.9	86.9	89.8	90.1	91.0	91.6	92.1	92.7	93.0	93.3	93.9	93.9	94.2	94.4
GE 200	78.4	82.5	84.9	87.0	90.0	90.2	91.1	91.7	92.6	93.6	94.0	94.3	95.0	95.0	95.4	95.7
GE 100	78.4	82.5	84.9	87.1	90.1	90.3	91.3	91.8	92.7	93.7	94.4	94.8	95.6	95.6	96.1	97.8
GE 000	78.4	82.5	84.9	87.1	90.1	90.3	91.3	91.8	92.7	93.9	94.6	94.9	95.7	95.7	96.2	100.0

TOTAL NUMBER OF OBSERVATIONS 846

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723535

STATION NAME: VANCE AFB OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: FEB HOURS: 06-08

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	53.3	55.3	55.7	56.3	56.7	56.7	56.9	57.1	57.2	57.4	57.4	57.4	57.6	57.6	57.9	58.6
GE 20000	57.9	60.0	60.4	61.2	61.8	61.8	61.9	62.2	62.3	62.5	62.5	62.5	62.6	62.6	63.0	63.7
GE 18000	57.9	60.0	60.4	61.2	61.8	61.8	61.9	62.2	62.3	62.5	62.5	62.5	62.6	62.6	63.0	63.7
GE 16000	57.9	60.0	60.4	61.2	61.8	61.8	61.9	62.2	62.3	62.5	62.5	62.5	62.6	62.6	63.0	63.7
GE 14000	58.3	60.4	60.8	61.6	62.2	62.2	62.3	62.5	62.6	62.9	62.9	62.9	63.0	63.0	63.4	64.1
GE 12000	59.0	61.1	61.5	62.3	62.9	62.9	63.0	63.2	63.4	63.6	63.6	63.6	63.7	63.7	64.1	64.8
GE 10000	60.8	62.9	63.2	64.1	64.7	64.7	64.8	65.0	65.1	65.4	65.4	65.4	65.5	65.5	65.8	66.5
GE 9000	61.3	63.5	63.8	64.7	65.2	65.2	65.4	65.6	65.7	66.0	66.0	66.0	66.1	66.1	66.4	67.1
GE 8000	62.6	64.8	65.1	66.0	66.5	66.5	66.7	66.9	67.0	67.3	67.3	67.3	67.4	67.4	67.7	68.4
GE 7000	62.9	65.0	65.4	66.2	66.9	66.9	67.0	67.3	67.4	67.6	67.6	67.6	67.7	67.7	68.1	68.8
GE 6000	62.9	65.0	65.4	66.2	66.9	66.9	67.0	67.3	67.4	67.6	67.6	67.6	67.7	67.7	68.1	68.8
GE 5000	63.8	66.0	66.4	67.3	68.0	68.0	68.1	68.3	68.4	68.7	68.7	68.7	68.8	68.8	69.1	69.9
GE 4500	64.1	66.3	66.8	67.6	68.3	68.3	68.4	68.7	68.8	69.0	69.0	69.0	69.3	69.3	69.6	70.3
GE 4000	64.7	66.9	67.4	68.6	69.3	69.3	69.4	69.6	69.7	70.0	70.0	70.0	70.2	70.2	70.6	71.3
GE 3500	64.9	67.4	67.8	69.0	69.7	69.7	69.9	70.1	70.2	70.4	70.4	70.4	70.7	70.7	71.0	71.7
GE 3000	65.2	67.7	68.3	69.5	70.2	70.2	70.3	70.6	70.7	70.9	70.9	70.9	71.2	71.2	71.5	72.2
GE 2500	65.6	68.3	68.9	70.1	70.8	70.9	71.0	71.3	71.4	71.6	71.6	71.6	71.9	71.9	72.2	72.9
GE 2000	67.1	70.2	71.2	72.3	73.0	73.2	73.3	73.5	73.6	73.9	73.9	73.9	74.1	74.1	74.5	75.2
GE 1800	67.6	70.7	71.6	72.8	73.5	73.6	73.8	74.0	74.1	74.3	74.3	74.3	74.6	74.6	74.9	75.7
GE 1500	69.7	72.9	73.9	75.2	75.9	76.0	76.1	76.4	76.5	76.7	76.7	76.7	77.0	77.0	77.3	78.0
GE 1200	71.2	74.6	75.7	77.2	77.9	78.0	78.1	78.4	78.5	78.7	78.7	78.7	79.0	79.0	79.3	80.0
GE 1000	72.7	76.2	77.3	79.2	79.9	80.0	80.3	80.5	80.6	80.9	80.9	80.9	81.1	81.1	81.4	82.2
GE 900	73.0	76.6	77.9	79.8	80.6	80.7	81.0	81.2	81.3	81.6	81.6	81.6	81.8	81.8	82.2	82.9
GE 800	73.5	77.3	79.3	81.6	82.4	82.5	82.7	83.0	83.1	83.7	83.7	83.7	83.9	83.9	84.3	85.0
GE 700	74.0	77.8	80.0	82.3	83.3	83.5	83.8	84.0	84.2	84.8	84.8	84.8	85.0	85.0	85.3	86.1
GE 600	74.1	77.9	80.1	82.4	83.8	84.0	84.5	84.9	85.0	85.6	85.6	85.6	85.8	85.8	86.2	86.9
GE 500	74.3	78.4	80.7	83.2	84.9	85.1	85.6	85.9	86.1	86.6	86.6	86.6	86.9	86.9	87.4	88.2
GE 400	74.8	79.3	81.8	84.5	86.5	86.9	87.5	88.2	88.3	89.5	89.6	89.6	89.8	89.8	90.3	91.1
GE 300	74.9	79.4	81.9	84.9	87.5	87.9	88.8	89.5	89.7	90.9	91.0	91.0	91.3	91.3	91.7	92.7
GE 200	74.9	79.6	82.0	85.0	87.8	88.3	89.2	90.1	90.3	91.6	92.1	92.1	92.8	92.8	93.4	94.4
GE 100	74.9	79.6	82.0	85.0	87.8	88.3	89.2	90.1	90.3	91.6	92.2	92.2	93.1	93.1	94.8	98.2
GE 000	74.9	79.6	82.0	85.0	87.8	88.3	89.2	90.1	90.3	91.6	92.2	92.2	93.1	93.1	94.9	100.0

TOTAL NUMBER OF OBSERVATIONS 846

D - 2 - 12

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723535

STATION NAME: VANCE AFB OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: FEB HOURS: 09-11

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	50.9	51.7	51.8	52.5	52.5	52.5	52.7	52.8	52.8	52.8	52.8	52.8	52.8	52.8	53.0	53.0
GE 20000	57.8	58.5	58.6	59.5	59.5	59.5	59.7	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.9	59.9
GE 18000	57.9	58.6	58.7	59.6	59.6	59.6	59.8	59.9	59.9	59.9	59.9	59.9	59.9	59.9	60.0	60.0
GE 16000	57.9	58.6	58.7	59.6	59.6	59.6	59.8	59.9	59.9	59.9	59.9	59.9	59.9	59.9	60.0	60.0
GE 14000	58.7	59.5	59.6	60.4	60.4	60.4	60.6	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.9	60.9
GE 12000	60.0	61.0	61.2	62.1	62.1	62.1	62.4	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.6	62.6
GE 10000	62.9	63.9	64.2	65.0	65.0	65.0	65.4	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.8	65.8
GE 9000	63.0	64.1	64.3	65.1	65.1	65.1	65.5	65.8	65.8	65.8	65.8	65.8	65.8	65.8	66.0	66.0
GE 8000	63.9	65.1	65.4	66.2	66.3	66.4	66.8	67.1	67.3	67.3	67.3	67.3	67.3	67.3	67.4	67.4
GE 7000	64.3	65.5	65.7	66.5	66.7	66.8	67.1	67.5	67.6	67.6	67.6	67.6	67.6	67.6	67.7	67.7
GE 6000	64.4	65.6	66.1	67.0	67.4	67.5	67.8	68.2	68.3	68.3	68.3	68.3	68.3	68.3	68.4	68.4
GE 5000	65.4	66.5	67.1	68.2	68.6	68.7	69.0	69.4	69.5	69.5	69.5	69.5	69.5	69.5	69.6	69.6
GE 4500	65.7	66.9	67.5	68.6	68.9	69.0	69.4	69.7	69.9	69.9	69.9	69.9	69.9	69.9	70.0	70.0
GE 4000	66.0	67.4	68.1	69.1	69.5	69.6	70.0	70.3	70.4	70.4	70.4	70.4	70.4	70.4	70.6	70.6
GE 3500	66.3	67.7	68.4	69.5	69.9	70.0	70.3	70.7	70.8	70.8	70.8	70.8	70.8	70.8	70.9	70.9
GE 3000	67.3	68.7	69.4	70.4	70.8	70.9	71.3	71.6	71.7	71.7	71.7	71.7	71.7	71.7	71.9	71.9
GE 2500	67.7	69.3	70.0	71.0	71.4	71.5	71.9	72.2	72.3	72.3	72.3	72.3	72.3	72.3	72.5	72.5
GE 2000	68.7	70.7	72.0	73.0	73.4	73.5	73.9	74.2	74.3	74.3	74.3	74.3	74.3	74.3	74.5	74.5
GE 1800	69.4	71.4	72.7	73.8	74.1	74.2	74.6	74.9	75.1	75.1	75.1	75.1	75.1	75.1	75.2	75.2
GE 1500	70.9	73.0	74.6	75.7	76.0	76.1	76.5	76.8	77.0	77.2	77.2	77.2	77.2	77.2	77.3	77.3
GE 1200	72.1	74.5	76.2	77.3	77.7	77.8	78.1	78.5	78.7	79.1	79.1	79.1	79.1	79.1	79.2	79.2
GE 1000	73.2	76.0	77.9	79.1	79.8	79.9	80.4	80.7	81.0	81.3	81.3	81.3	81.3	81.3	81.6	81.6
GE 900	73.6	76.6	78.7	80.1	80.9	81.1	81.6	81.9	82.2	82.6	82.6	82.6	82.6	82.6	82.9	82.9
GE 800	74.1	77.5	80.1	81.9	82.6	83.1	83.8	84.2	84.6	85.1	85.2	85.2	85.3	85.3	85.6	85.6
GE 700	74.5	77.9	80.6	82.4	83.2	84.0	84.8	85.2	85.7	86.3	86.4	86.4	86.5	86.5	86.8	86.8
GE 600	74.5	77.9	80.6	82.9	83.7	84.5	85.5	86.2	86.8	87.5	87.6	87.6	87.7	87.7	87.9	87.9
GE 500	74.7	78.1	80.9	83.6	84.8	85.6	86.6	87.5	88.3	89.4	89.6	89.6	89.7	89.7	90.0	90.0
GE 400	74.8	78.3	81.3	84.2	85.8	86.8	88.1	89.0	89.8	90.9	91.1	91.1	91.3	91.3	91.5	91.6
GE 300	74.8	78.3	81.4	84.6	86.8	87.7	89.1	90.4	91.6	92.9	93.3	93.3	93.5	93.6	94.0	94.3
GE 200	74.8	78.3	81.4	84.6	86.8	87.7	89.2	90.7	92.0	93.4	94.1	94.2	94.9	95.0	96.0	96.6
GE 100	74.8	78.3	81.4	84.6	86.8	87.7	89.2	90.7	92.0	93.4	94.1	94.2	95.3	95.4	96.8	99.1
GE 000	74.8	78.3	81.4	84.6	86.8	87.7	89.2	90.7	92.0	93.4	94.1	94.2	95.4	95.5	96.9	100.0

TOTAL NUMBER OF OBSERVATIONS 846

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723535

STATION NAME: VANCE AFB OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: FEB HOURS: 12-14

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	52.6	52.8	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0
GE 20000	59.7	59.9	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2
GE 18000	59.9	60.2	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4
GE 16000	59.9	60.2	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4
GE 14000	60.9	61.1	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
GE 12000	62.5	62.9	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1
GE 10000	65.7	66.4	66.7	66.7	66.8	66.9	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0
GE 9000	66.2	66.9	67.1	67.1	67.3	67.4	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5
GE 8000	67.5	68.2	68.4	68.7	68.9	69.0	69.1	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3
GE 7000	68.1	68.8	69.0	69.3	69.5	69.6	69.7	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9
GE 6000	68.4	69.1	69.4	69.9	70.2	70.3	70.4	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6
GE 5000	69.1	69.9	70.1	70.7	71.0	71.4	71.5	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
GE 4500	69.3	70.0	70.2	70.8	71.2	71.5	71.6	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7
GE 4000	69.9	70.7	70.9	71.6	72.0	72.3	72.5	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6
GE 3500	70.2	71.2	71.4	72.1	72.5	72.8	72.9	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0
GE 3000	70.8	72.0	72.2	72.9	73.3	73.6	73.8	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9
GE 2500	71.5	72.8	73.2	74.1	74.5	74.8	74.9	75.1	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3
GE 2000	73.6	74.9	75.3	76.4	76.7	77.1	77.2	77.3	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5
GE 1800	74.1	75.5	75.9	77.0	77.3	77.7	77.8	77.9	78.1	78.3	78.3	78.3	78.3	78.3	78.3	78.3
GE 1500	75.3	76.8	77.3	78.5	79.0	79.3	79.4	79.6	79.8	80.1	80.1	80.1	80.1	80.1	80.1	80.1
GE 1200	76.4	78.3	78.8	80.1	80.6	81.1	81.2	81.3	81.9	82.3	82.3	82.3	82.3	82.3	82.3	82.3
GE 1000	77.2	79.4	80.3	81.6	82.3	82.7	82.9	83.0	83.9	84.3	84.3	84.3	84.3	84.3	84.3	84.3
GE 900	77.7	80.1	81.0	82.6	83.3	83.9	84.0	84.2	85.1	85.5	85.5	85.5	85.5	85.5	85.5	85.5
GE 800	77.9	80.5	81.6	83.8	84.6	85.3	85.6	85.8	86.9	87.4	87.5	87.5	87.5	87.5	87.5	87.5
GE 700	78.4	81.6	82.7	85.1	85.9	86.8	87.0	87.2	88.3	88.8	88.9	88.9	88.9	88.9	88.9	88.9
GE 600	78.8	82.2	83.6	86.1	87.1	87.9	88.3	88.7	89.7	90.2	90.3	90.3	90.3	90.3	90.3	90.3
GE 500	79.0	82.5	84.2	86.9	88.1	88.9	89.4	90.2	91.4	92.1	92.2	92.2	92.2	92.2	92.2	92.2
GE 400	79.0	82.5	84.3	87.1	88.7	89.5	90.4	91.5	92.7	93.9	94.0	94.0	94.2	94.2	94.2	94.2
GE 300	79.0	82.6	84.6	87.5	89.4	90.4	91.6	93.9	95.9	97.2	97.4	97.4	97.9	98.0	98.1	98.1
GE 200	79.0	82.6	84.6	87.5	89.4	90.4	91.6	94.0	96.2	97.8	98.3	98.3	99.1	99.2	99.3	99.3
GE 100	79.0	82.6	84.6	87.5	89.4	90.4	91.6	94.0	96.2	97.8	98.3	98.3	99.2	99.3	99.5	99.6
GE 000	79.0	82.6	84.6	87.5	89.4	90.4	91.6	94.0	96.2	97.8	98.3	98.3	99.2	99.3	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 846

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723535

STATION NAME: VANCE AFB OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: FEB HOURS: 15-17

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	54.1	54.5	54.7	54.8	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0
GE 20000	62.5	62.9	63.1	63.2	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4
GE 18000	62.8	63.1	63.4	63.5	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6
GE 16000	62.8	63.1	63.4	63.5	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6
GE 14000	63.1	63.6	63.8	63.9	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1
GE 12000	64.7	65.1	65.4	65.5	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6
GE 10000	67.5	68.0	68.3	68.4	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8
GE 9000	67.7	68.2	68.6	68.7	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1
GE 8000	69.1	69.6	70.0	70.1	70.6	70.6	70.6	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7
GE 7000	70.4	70.9	71.3	71.4	71.9	71.9	71.9	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0
GE 6000	70.7	71.4	71.7	71.9	72.5	72.5	72.5	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6
GE 5000	71.4	72.1	72.5	72.6	73.2	73.2	73.2	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3
GE 4500	71.7	72.5	72.8	72.9	73.5	73.5	73.5	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6
GE 4000	72.7	73.4	73.9	74.1	74.7	74.7	74.7	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8
GE 3500	72.8	73.8	74.2	74.5	75.1	75.1	75.1	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2
GE 3000	74.1	75.2	75.7	75.9	76.5	76.5	76.5	76.6	76.6	76.7	76.7	76.7	76.7	76.7	76.7	76.7
GE 2500	74.8	75.9	76.4	76.6	77.2	77.2	77.2	77.3	77.3	77.4	77.4	77.4	77.4	77.4	77.4	77.4
GE 2000	76.5	77.8	78.5	79.2	80.0	80.3	80.3	80.4	80.4	80.5	80.6	80.6	80.6	80.6	80.6	80.6
GE 1800	77.2	78.6	79.3	80.0	80.9	81.1	81.1	81.2	81.2	81.3	81.4	81.4	81.4	81.4	81.4	81.4
GE 1500	78.4	80.3	81.2	81.9	82.7	83.0	83.0	83.1	83.1	83.2	83.3	83.3	83.3	83.3	83.3	83.3
GE 1200	79.4	81.4	82.4	83.5	84.3	84.6	84.6	84.8	84.8	84.9	85.0	85.0	85.0	85.0	85.0	85.0
GE 1000	80.5	83.1	84.3	85.5	86.5	87.0	87.0	87.1	87.1	87.2	87.4	87.4	87.4	87.4	87.4	87.4
GE 900	80.9	83.9	85.5	87.1	88.3	88.8	88.8	88.9	88.9	89.0	89.1	89.1	89.1	89.1	89.1	89.1
GE 800	81.3	84.6	86.2	88.2	89.5	90.0	90.1	90.2	90.2	90.3	90.7	90.7	90.8	90.8	90.8	90.8
GE 700	82.0	85.7	87.4	89.7	91.1	91.6	92.1	92.3	92.3	92.8	93.1	93.1	93.3	93.3	93.3	93.3
GE 600	82.2	85.8	87.5	90.1	91.6	92.1	92.7	93.0	93.0	93.5	93.9	93.9	94.0	94.0	94.0	94.0
GE 500	82.5	86.3	87.9	90.7	92.2	92.7	93.3	93.9	94.1	94.6	95.0	95.0	95.3	95.3	95.3	95.3
GE 400	82.5	86.3	87.9	90.7	92.4	93.0	93.7	94.3	94.8	95.3	95.7	95.7	96.1	96.1	96.1	96.1
GE 300	82.6	86.4	88.1	90.9	92.7	93.3	94.3	96.0	96.6	97.2	98.0	98.0	98.3	98.3	98.3	98.3
GE 200	82.6	86.4	88.1	90.9	92.8	93.4	94.4	96.2	96.9	97.6	98.9	98.9	99.5	99.5	99.8	99.8
GE 100	82.6	86.4	88.1	90.9	92.8	93.4	94.4	96.2	97.0	97.8	99.2	99.2	99.8	99.8	100.0	100.0
GE 000	82.6	86.4	88.1	90.9	92.8	93.4	94.4	96.2	97.0	97.8	99.2	99.2	99.8	99.8	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 846

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENT GE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723535

STATION NAME: VANCE AFB OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: FEB HOURS: 18-20

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	57.1	57.3	57.6	57.8	57.9	57.9	57.9	57.9	57.9	58.0	58.0	58.0	58.0	58.0	58.0	58.2
GE 20000	63.9	64.2	64.4	64.9	65.1	65.1	65.1	65.1	65.1	65.2	65.2	65.2	65.2	65.2	65.2	65.4
GE 18000	65.0	65.2	65.5	66.0	66.2	66.2	66.2	66.2	66.2	66.3	66.3	66.3	66.3	66.3	66.3	66.4
GE 16000	65.0	65.2	65.5	66.0	66.2	66.2	66.2	66.2	66.2	66.3	66.3	66.3	66.3	66.3	66.3	66.4
GE 14000	66.2	66.4	66.9	67.4	67.6	67.6	67.6	67.6	67.6	67.7	67.7	67.7	67.7	67.7	67.7	67.8
GE 12000	67.5	67.7	68.2	68.7	68.9	68.9	68.9	68.9	68.9	69.0	69.0	69.0	69.0	69.0	69.0	69.1
GE 10000	69.9	70.4	70.9	71.4	71.6	71.6	71.6	71.6	71.6	71.7	71.7	71.7	71.7	71.7	71.7	71.9
GE 9000	70.0	70.6	71.0	71.5	71.7	71.7	71.7	71.7	71.7	71.9	71.9	71.9	71.9	71.9	71.9	72.0
GE 8000	71.6	72.3	73.2	73.6	73.9	73.9	73.9	73.9	73.9	74.0	74.0	74.0	74.0	74.0	74.0	74.1
GE 7000	72.6	73.3	74.1	74.6	74.8	74.8	74.8	74.8	74.8	74.9	74.9	74.9	74.9	74.9	74.9	75.1
GE 6000	72.6	73.3	74.1	74.6	74.9	74.9	74.9	74.9	74.9	75.1	75.1	75.1	75.1	75.1	75.2	75.3
GE 5000	73.5	74.2	75.1	75.5	75.9	75.9	75.9	75.9	75.9	76.0	76.0	76.0	76.0	76.0	76.1	76.2
GE 4500	73.8	74.5	75.3	75.8	76.1	76.1	76.1	76.1	76.1	76.2	76.2	76.2	76.2	76.2	76.4	76.5
GE 4000	74.3	75.2	76.0	76.5	76.8	76.8	76.8	76.8	76.8	77.0	77.0	77.0	77.0	77.0	77.1	77.2
GE 3500	74.9	76.0	76.8	77.3	77.8	77.8	77.8	77.8	77.8	77.9	77.9	77.9	77.9	77.9	78.0	78.1
GE 3000	76.1	77.3	78.3	78.8	79.3	79.3	79.3	79.3	79.3	79.4	79.4	79.4	79.4	79.4	79.6	79.7
GE 2500	77.0	78.3	79.3	79.9	80.5	80.5	80.5	80.5	80.5	80.6	80.6	80.6	80.6	80.6	80.7	80.9
GE 2000	78.3	79.7	80.9	81.4	82.3	82.3	82.3	82.5	82.5	82.9	82.9	82.9	82.9	82.9	83.0	83.1
GE 1800	78.6	80.0	81.6	82.3	83.1	83.1	83.1	83.3	83.3	83.7	83.7	83.7	83.7	83.7	83.8	83.9
GE 1500	80.9	82.3	84.0	84.9	85.7	85.7	85.7	85.9	85.9	86.3	86.3	86.3	86.3	86.3	86.4	86.5
GE 1200	81.7	83.1	85.0	86.3	87.1	87.1	87.1	87.4	87.4	87.7	87.7	87.7	87.7	87.7	87.8	87.9
GE 1000	82.2	84.4	86.3	87.8	88.8	88.8	88.8	89.0	89.0	89.5	89.7	89.7	89.7	89.7	89.8	90.0
GE 900	83.2	85.7	87.8	89.4	90.4	90.4	90.4	90.7	90.7	91.3	91.5	91.5	91.5	91.5	91.6	91.7
GE 800	83.3	85.8	88.1	89.8	91.4	91.4	91.4	92.1	92.1	92.8	93.0	93.0	93.0	93.0	93.1	93.3
GE 700	83.7	86.2	88.4	90.2	91.7	91.7	92.1	92.8	92.8	93.5	93.7	93.7	93.7	93.7	93.9	94.0
GE 600	84.2	86.8	89.0	90.8	92.4	92.4	92.8	94.2	94.2	94.9	95.2	95.2	95.2	95.2	95.3	95.5
GE 500	84.2	86.9	89.2	91.4	93.0	93.0	93.5	95.0	95.0	95.7	96.0	96.0	96.1	96.1	96.2	96.5
GE 400	84.2	86.9	89.2	91.5	93.3	93.3	93.9	95.4	95.5	96.5	96.7	96.7	96.8	96.8	96.9	97.2
GE 300	84.2	86.9	89.2	91.5	93.3	93.3	94.2	95.9	96.5	97.5	98.1	98.1	98.2	98.2	98.3	98.6
GE 200	84.2	86.9	89.2	91.6	93.5	93.5	94.4	96.2	96.8	98.2	98.8	98.8	99.3	99.3	99.4	99.6
GE 100	84.2	86.9	89.2	91.6	93.5	93.5	94.6	96.3	96.9	98.5	99.1	99.1	99.5	99.5	99.8	100.0
GE 000	84.2	86.9	89.2	91.6	93.5	93.5	94.6	96.3	96.9	98.5	99.1	99.1	99.5	99.5	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 846

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723535

STATION NAME: VANCE AFB OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: FEB HOURS: 21-23

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	62.5	62.9	63.4	63.9	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1
GE 20000	66.9	67.3	67.7	68.3	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4
GE 18000	67.4	67.7	68.2	68.8	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9
GE 16000	67.4	67.7	68.2	68.8	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9
GE 14000	67.6	68.0	68.7	69.3	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5
GE 12000	68.7	69.0	69.7	70.3	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6
GE 10000	71.3	71.6	72.3	72.9	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2
GE 9000	71.5	71.9	72.6	73.2	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4
GE 8000	72.0	72.5	73.2	73.8	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0
GE 7000	72.5	72.9	73.6	74.2	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5
GE 6000	72.5	72.9	73.6	74.2	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5
GE 5000	73.5	74.0	74.7	75.3	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.7	75.7	75.7	75.7
GE 4500	73.6	74.2	74.9	75.5	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.9	75.9	75.9	75.9
GE 4000	75.1	75.8	76.5	77.1	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.4	77.4	77.4	77.4
GE 3500	75.5	76.2	77.0	77.5	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.9	77.9	77.9	77.9
GE 3000	76.5	77.2	77.9	78.5	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.8	78.8	78.8	78.8
GE 2500	78.4	79.1	79.9	80.5	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.9	80.9	80.9	80.9
GE 2000	79.7	80.4	81.2	82.2	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.6	82.6	82.6	82.6
GE 1800	80.4	81.2	82.0	83.1	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.6	83.6	83.6	83.6
GE 1500	82.4	83.2	84.0	85.1	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.7	85.7	85.7	85.7
GE 1200	83.6	84.5	85.3	86.4	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	87.0	87.0	87.0	87.0
GE 1000	84.2	85.1	86.2	87.6	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.3	88.3	88.3	88.3
GE 900	84.3	85.3	86.9	88.3	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	89.0	89.0	89.0	89.0
GE 800	84.5	85.7	87.2	89.0	89.6	89.6	89.6	90.2	90.2	90.2	90.2	90.2	90.4	90.4	90.4	90.4
GE 700	84.9	86.1	87.7	89.5	90.7	90.7	90.7	91.3	91.3	91.3	91.3	91.3	91.5	91.5	91.6	91.6
GE 600	84.9	86.1	87.8	89.7	90.9	90.9	90.9	92.2	92.2	92.2	92.2	92.2	92.4	92.4	92.6	92.6
GE 500	84.9	86.5	88.4	90.7	92.6	92.6	92.6	94.0	94.0	94.0	94.0	94.0	94.2	94.2	94.3	94.3
GE 400	85.0	86.6	88.8	91.3	93.1	93.1	93.3	95.0	95.0	95.7	95.7	95.7	96.0	96.0	96.1	96.1
GE 300	85.0	86.6	88.9	91.6	93.6	93.6	94.3	96.2	96.2	96.9	96.9	96.9	97.2	97.2	97.3	97.3
GE 200	85.0	86.6	89.1	92.0	94.1	94.1	94.8	96.7	96.7	97.4	97.4	97.4	97.6	97.6	97.8	97.8
GE 100	85.0	86.6	89.1	92.0	94.1	94.1	94.9	96.8	96.8	97.5	97.6	97.6	98.0	98.0	98.5	98.7
GE 000	85.0	86.6	89.1	92.0	94.1	94.1	94.9	96.8	96.8	97.5	97.6	97.6	98.0	98.1	98.6	100.0

TOTAL NUMBER OF OBSERVATIONS 846

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723535

STATION NAME: VANCE AFB OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: FEB HOURS: ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	55.0	56.8	57.1	57.4	57.7	57.7	57.7	57.8	57.9	57.9	57.9	57.9	58.0	58.0	58.0	58.2
GE 20000	61.7	62.6	62.9	63.3	63.6	63.6	63.7	63.8	63.8	63.8	63.8	63.8	63.9	63.9	63.9	64.1
GE 18000	62.0	62.9	63.2	63.6	63.9	63.9	64.0	64.1	64.1	64.1	64.1	64.1	64.2	64.2	64.2	64.4
GE 16000	62.0	62.9	63.2	63.6	63.9	63.9	64.0	64.1	64.1	64.1	64.1	64.1	64.2	64.2	64.2	64.4
GE 14000	62.6	63.5	63.9	64.3	64.6	64.6	64.7	64.8	64.8	64.8	64.8	64.8	64.9	64.9	65.0	65.1
GE 12000	63.7	64.7	65.0	65.4	65.7	65.7	65.8	65.9	65.9	66.0	66.0	66.0	66.0	66.0	66.1	66.2
GE 10000	66.1	67.2	67.6	68.0	68.3	68.3	68.4	68.5	68.6	68.6	68.6	68.6	68.6	68.6	68.7	68.9
GE 9000	66.4	67.4	67.8	68.2	68.5	68.6	68.7	68.8	68.9	68.9	68.9	68.9	68.9	68.9	69.0	69.1
GE 8000	67.6	68.7	69.1	69.5	69.9	69.9	70.1	70.2	70.3	70.3	70.3	70.3	70.3	70.3	70.4	70.5
GE 7000	68.1	69.2	69.6	70.1	70.4	70.4	70.6	70.7	70.8	70.8	70.8	70.8	70.9	70.9	70.9	71.1
GE 6000	68.3	69.4	69.9	70.4	70.8	70.8	71.0	71.1	71.2	71.2	71.2	71.2	71.2	71.2	71.3	71.5
GE 5000	69.2	70.4	70.9	71.4	71.8	71.9	72.0	72.1	72.2	72.3	72.3	72.3	72.3	72.3	72.4	72.5
GE 4500	69.5	70.7	71.2	71.7	72.1	72.2	72.3	72.5	72.5	72.6	72.6	72.6	72.7	72.7	72.8	72.9
GE 4000	70.4	71.6	72.2	72.8	73.2	73.3	73.4	73.6	73.6	73.7	73.7	73.7	73.8	73.8	73.9	74.0
GE 3500	70.8	72.2	72.8	73.3	73.8	73.9	74.0	74.2	74.2	74.3	74.3	74.3	74.4	74.4	74.5	74.6
GE 3000	71.7	73.2	73.8	74.4	74.9	74.9	75.1	75.2	75.3	75.3	75.3	75.3	75.4	75.4	75.5	75.7
GE 2500	72.6	74.2	74.8	75.5	76.0	76.1	76.2	76.4	76.4	76.5	76.5	76.5	76.6	76.6	76.7	76.8
GE 2000	74.1	75.9	76.7	77.5	78.0	78.1	78.3	78.5	78.6	78.6	78.7	78.7	78.8	78.8	78.9	79.0
GE 1800	74.7	76.5	77.4	78.2	78.8	78.9	79.0	79.2	79.3	79.4	79.4	79.4	79.5	79.5	79.6	79.7
GE 1500	76.3	78.3	79.3	80.1	80.7	80.8	81.0	81.1	81.2	81.4	81.4	81.4	81.6	81.6	81.6	81.8
GE 1200	77.5	79.6	80.7	81.7	82.3	82.4	82.6	82.7	82.9	83.1	83.1	83.1	83.2	83.2	83.3	83.5
GE 1000	78.5	81.0	82.3	83.4	84.2	84.3	84.5	84.7	84.9	85.1	85.2	85.2	85.3	85.3	85.4	85.5
GE 900	79.0	81.6	83.1	84.4	85.2	85.4	85.6	85.8	86.0	86.2	86.3	86.3	86.4	86.4	86.5	86.6
GE 800	79.3	82.1	83.9	85.6	86.6	86.8	87.1	87.5	87.7	88.0	88.1	88.1	88.3	88.3	88.4	88.5
GE 700	79.7	82.6	84.5	86.3	87.6	87.9	88.2	88.7	88.9	89.3	89.4	89.4	89.6	89.6	89.7	89.8
GE 600	79.8	82.8	84.8	86.7	88.1	88.4	88.9	89.5	89.8	90.2	90.3	90.4	90.5	90.5	90.6	90.8
GE 500	80.0	83.2	85.4	87.7	89.4	89.7	90.2	91.0	91.3	91.8	92.0	92.0	92.2	92.2	92.3	92.5
GE 400	80.2	83.5	85.9	88.4	90.2	90.6	91.4	92.4	92.8	93.6	93.8	93.8	94.1	94.1	94.3	94.4
GE 300	80.2	83.6	86.1	88.6	90.8	91.2	92.3	93.6	94.3	95.2	95.5	95.6	95.9	96.0	96.2	96.4
GE 200	80.2	83.6	86.1	88.7	90.9	91.4	92.5	93.9	94.7	95.7	96.3	96.3	96.9	97.0	97.3	97.6
GE 100	80.2	83.6	86.1	88.7	90.9	91.4	92.5	93.9	94.7	95.8	96.4	96.5	97.2	97.3	97.9	99.0
GE 000	80.2	83.6	86.1	88.7	90.9	91.4	92.5	93.9	94.7	95.8	96.5	96.5	97.3	97.3	98.0	100.0

TOTAL NUMBER OF OBSERVATIONS 6768

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723535

STATION NAME: VANCE AFB OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: MAR HOURS: 00-02

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	62.3	62.9	63.2	63.2	63.4	63.4	63.4	63.4	63.4	63.5	63.5	63.5	63.5	63.5	63.5	63.7
GE 20000	66.7	67.3	67.6	67.6	67.8	67.8	67.8	67.8	67.8	68.0	68.0	68.0	68.0	68.0	68.0	68.1
GE 18000	67.0	67.6	68.0	68.0	68.2	68.2	68.2	68.2	68.2	68.3	68.3	68.3	68.3	68.3	68.3	68.4
GE 16000	67.0	67.6	68.0	68.0	68.2	68.2	68.2	68.2	68.2	68.3	68.3	68.3	68.3	68.3	68.3	68.4
GE 14000	67.1	67.7	68.1	68.1	68.3	68.3	68.3	68.3	68.3	68.4	68.4	68.4	68.4	68.4	68.4	68.5
GE 12000	67.3	68.0	68.3	68.3	68.5	68.5	68.5	68.5	68.5	68.6	68.6	68.6	68.6	68.6	68.6	68.7
GE 10000	69.4	70.0	70.3	70.3	70.5	70.5	70.5	70.5	70.5	70.6	70.6	70.6	70.6	70.6	70.6	70.8
GE 9000	70.1	70.8	71.1	71.1	71.3	71.3	71.3	71.3	71.3	71.4	71.4	71.4	71.4	71.4	71.4	71.5
GE 8000	71.2	71.8	72.2	72.2	72.4	72.4	72.4	72.4	72.4	72.5	72.5	72.5	72.5	72.5	72.5	72.6
GE 7000	71.7	72.4	72.7	72.7	72.9	72.9	72.9	72.9	72.9	73.0	73.0	73.0	73.0	73.0	73.0	73.1
GE 6000	72.0	72.7	73.0	73.2	73.4	73.4	73.4	73.4	73.4	73.5	73.5	73.5	73.5	73.5	73.5	73.7
GE 5000	73.5	74.2	74.5	75.1	75.3	75.6	75.6	75.6	75.6	75.7	75.7	75.7	75.7	75.7	75.7	75.8
GE 4500	74.7	75.4	75.7	76.2	76.5	76.8	76.8	76.8	76.8	76.9	76.9	76.9	76.9	76.9	76.9	77.0
GE 4000	76.2	77.0	77.4	78.1	78.3	78.6	78.6	78.6	78.6	78.7	78.7	78.7	78.7	78.7	78.7	78.8
GE 3500	77.4	78.3	78.8	79.6	79.8	80.1	80.1	80.1	80.1	80.2	80.2	80.2	80.2	80.2	80.2	80.3
GE 3000	78.9	79.9	80.4	81.3	81.5	81.8	81.8	81.8	81.8	81.9	81.9	81.9	81.9	81.9	81.9	82.0
GE 2500	80.8	81.9	82.6	83.5	83.8	84.1	84.1	84.1	84.1	84.2	84.2	84.2	84.2	84.2	84.2	84.3
GE 2000	82.6	83.8	84.4	85.5	85.7	86.0	86.0	86.0	86.2	86.3	86.3	86.3	86.3	86.3	86.3	86.5
GE 1800	83.1	84.4	85.1	86.1	86.3	86.7	86.9	86.9	87.1	87.2	87.2	87.2	87.2	87.2	87.2	87.3
GE 1500	83.8	85.2	85.8	86.9	87.1	87.4	87.6	87.6	87.8	88.0	88.0	88.0	88.0	88.0	88.0	88.1
GE 1200	84.9	86.3	87.2	88.4	88.6	88.9	89.1	89.1	89.4	89.5	89.5	89.5	89.5	89.5	89.5	89.6
GE 1000	86.1	88.1	89.0	90.2	90.4	90.8	91.0	91.0	91.2	91.3	91.3	91.3	91.3	91.3	91.3	91.4
GE 900	86.7	88.6	89.6	90.8	91.0	91.4	91.6	91.6	91.8	91.9	91.9	91.9	91.9	91.9	91.9	92.0
GE 800	87.3	89.2	90.3	91.6	91.8	92.5	92.7	92.7	92.9	93.0	93.0	93.0	93.0	93.0	93.0	93.1
GE 700	87.6	89.8	90.9	92.4	92.6	93.2	93.5	93.5	93.8	93.9	93.9	93.9	93.9	93.9	93.9	94.0
GE 600	88.0	90.1	91.4	93.0	93.2	93.9	94.2	94.2	94.4	94.5	94.5	94.5	94.5	94.5	94.5	94.6
GE 500	88.2	90.3	92.0	93.8	94.4	95.4	95.8	95.8	96.0	96.1	96.1	96.1	96.1	96.1	96.1	96.2
GE 400	88.4	90.5	92.7	94.5	95.2	96.1	96.9	96.9	97.1	97.2	97.2	97.2	97.3	97.3	97.3	97.4
GE 300	88.4	90.5	92.8	94.7	95.6	96.6	97.6	97.6	97.8	98.1	98.4	98.4	98.6	98.6	98.6	98.7
GE 200	88.4	90.5	92.8	94.7	95.6	96.6	97.7	98.0	98.2	98.7	98.7	98.7	99.4	99.4	99.5	99.6
GE 100	88.4	90.5	92.8	94.7	95.6	96.6	97.7	98.0	98.2	99.0	99.0	99.0	99.8	99.8	99.9	100.0
GE 000	88.4	90.5	92.8	94.7	95.6	96.6	97.7	98.0	98.2	99.0	99.0	99.0	99.8	99.8	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723535

STATION NAME: VANCE APB OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: MAR HOURS: 03-05

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	61.1	61.5	61.7	62.0	62.2	62.2	62.2	62.2	62.2	62.3	62.4	62.4	62.4	62.4	62.4	62.7
GE 20000	66.9	67.6	68.0	68.4	68.6	68.6	68.6	68.6	68.6	68.7	68.8	68.8	68.8	68.8	68.8	69.1
GE 18000	67.3	68.1	68.4	68.8	69.0	69.0	69.0	69.0	69.0	69.1	69.2	69.2	69.2	69.2	69.2	69.6
GE 16000	67.4	68.2	68.5	68.9	69.1	69.1	69.1	69.1	69.1	69.2	69.4	69.4	69.4	69.4	69.4	69.7
GE 14000	67.7	68.5	68.8	69.4	69.6	69.6	69.6	69.6	69.6	69.7	69.8	69.8	69.8	69.8	69.8	70.1
GE 12000	68.2	68.9	69.2	69.8	70.0	70.0	70.0	70.0	70.0	70.1	70.2	70.2	70.2	70.2	70.2	70.5
GE 10000	69.6	70.4	70.8	71.3	71.5	71.5	71.5	71.5	71.5	71.6	71.7	71.7	71.7	71.7	71.7	72.0
GE 9000	69.9	70.8	71.1	71.6	71.8	71.8	71.8	71.8	71.8	71.9	72.0	72.0	72.0	72.0	72.0	72.4
GE 8000	71.1	72.0	72.4	72.9	73.1	73.1	73.1	73.1	73.1	73.2	73.3	73.3	73.3	73.3	73.3	73.7
GE 7000	71.3	72.3	72.6	73.1	73.3	73.3	73.3	73.3	73.3	73.4	73.5	73.5	73.5	73.5	73.5	73.9
GE 6000	71.3	72.3	72.6	73.1	73.3	73.3	73.3	73.3	73.3	73.4	73.5	73.5	73.5	73.5	73.5	73.9
GE 5000	73.0	74.0	74.3	74.8	75.1	75.1	75.3	75.3	75.3	75.4	75.5	75.5	75.5	75.5	75.5	75.8
GE 4500	73.7	74.6	74.9	75.5	75.7	75.7	75.9	75.9	75.9	76.0	76.1	76.1	76.1	76.1	76.1	76.5
GE 4000	73.9	74.8	75.2	75.7	76.0	76.0	76.2	76.2	76.2	76.3	76.5	76.5	76.5	76.5	76.5	76.8
GE 3500	74.9	75.9	76.5	77.0	77.3	77.3	77.5	77.5	77.5	77.6	77.7	77.7	77.7	77.7	77.7	78.1
GE 3000	76.2	77.3	77.8	78.5	78.8	78.8	79.0	79.0	79.0	79.1	79.2	79.2	79.2	79.2	79.2	79.6
GE 2500	77.1	78.8	79.4	80.0	80.3	80.3	80.5	80.5	80.5	80.6	80.8	80.8	80.8	80.8	80.8	81.1
GE 2000	79.0	80.9	81.5	82.4	82.7	82.7	82.9	82.9	83.0	83.1	83.2	83.2	83.2	83.2	83.2	83.5
GE 1800	79.5	81.3	81.9	82.8	83.1	83.1	83.3	83.3	83.4	83.5	83.7	83.7	83.7	83.7	83.7	84.0
GE 1500	81.6	83.5	84.3	85.3	85.6	85.6	85.8	85.8	85.9	86.0	86.1	86.1	86.1	86.1	86.1	86.5
GE 1200	82.4	84.4	85.4	86.3	86.9	86.9	87.1	87.1	87.2	87.3	87.4	87.4	87.4	87.4	87.4	87.7
GE 1000	83.3	85.8	87.0	88.0	88.6	88.6	88.8	88.8	88.9	89.1	89.2	89.2	89.2	89.2	89.2	89.6
GE 900	83.8	86.3	87.5	88.6	89.2	89.2	89.5	89.5	89.6	89.8	89.9	89.9	89.9	89.9	89.9	90.2
GE 800	84.1	86.9	88.4	89.6	90.4	90.4	90.6	90.6	90.8	91.0	91.1	91.1	91.1	91.1	91.1	91.4
GE 700	84.5	87.4	88.9	90.2	91.1	91.2	91.4	91.5	91.6	91.8	91.9	91.9	91.9	91.9	91.9	92.3
GE 600	84.7	87.6	89.1	90.5	91.4	91.5	91.7	92.0	92.3	92.5	92.7	92.7	92.7	92.7	92.7	93.0
GE 500	85.2	88.5	90.5	91.9	92.9	93.0	93.4	93.8	94.0	94.3	94.5	94.5	94.5	94.5	94.5	94.8
GE 400	85.6	88.9	91.4	92.9	94.0	94.2	94.8	95.3	95.5	95.8	96.0	96.0	96.0	96.0	96.0	96.3
GE 300	85.6	88.9	91.4	93.1	94.2	94.5	95.2	95.8	96.0	96.8	97.0	97.0	97.0	97.0	97.0	97.3
GE 200	85.8	89.2	91.7	93.5	94.7	95.1	95.8	96.7	96.9	97.8	98.1	98.1	98.5	98.5	98.5	98.9
GE 100	85.8	89.2	91.7	93.5	94.7	95.1	95.8	96.7	96.9	98.1	98.3	98.3	99.1	99.1	99.4	99.8
GE 000	85.8	89.2	91.7	93.5	94.7	95.1	95.8	96.7	96.9	98.2	98.4	98.4	99.2	99.2	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723535

STATION NAME: VANCE AFB OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: MAR HOURS: 06-08

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	49.2	51.2	52.3	53.0	53.9	54.0	54.3	54.5	54.5	54.6	54.6	54.6	54.7	54.7	54.7	55.3
GE 20000	56.2	58.4	59.6	60.6	61.6	61.7	62.2	62.5	62.5	62.7	62.8	62.8	62.9	62.9	62.9	63.4
GE 18000	55.7	58.8	60.0	61.1	62.0	62.2	62.6	62.9	62.9	63.1	63.2	63.2	63.3	63.3	63.3	63.9
GE 16000	56.7	58.8	60.0	61.1	62.0	62.2	62.6	62.9	62.9	63.1	63.2	63.2	63.3	63.3	63.3	63.9
GE 14000	57.1	59.2	60.4	61.5	62.5	62.6	63.0	63.3	63.3	63.5	63.7	63.7	63.8	63.8	63.8	64.3
GE 12000	57.7	59.9	61.1	62.2	63.1	63.2	63.7	64.0	64.0	64.2	64.3	64.3	64.4	64.4	64.4	64.9
GE 10000	59.7	62.0	63.2	64.4	65.4	65.5	66.0	66.3	66.3	66.6	66.7	66.7	66.8	66.8	66.8	67.3
GE 9000	59.7	62.0	63.2	64.4	65.4	65.5	66.0	66.3	66.3	66.6	66.7	66.7	66.8	66.8	66.8	67.3
GE 8000	62.0	64.5	65.7	66.9	67.8	68.0	68.5	68.8	68.8	69.0	69.1	69.1	69.2	69.2	69.2	69.8
GE 7000	62.4	65.1	66.5	67.6	68.6	68.7	69.2	69.6	69.6	69.8	69.9	69.9	70.0	70.0	70.0	70.5
GE 6000	62.5	65.2	66.6	67.7	68.7	68.8	69.4	69.7	69.7	69.9	70.0	70.0	70.1	70.1	70.1	70.6
GE 5000	63.7	66.6	68.0	69.1	70.1	70.2	70.8	71.1	71.1	71.3	71.4	71.4	71.5	71.5	71.5	72.0
GE 4500	63.9	66.8	68.2	69.4	70.3	70.4	71.0	71.3	71.3	71.5	71.6	71.6	71.7	71.7	71.7	72.3
GE 4000	64.4	67.4	68.8	70.2	71.2	71.3	71.9	72.3	72.3	72.5	72.6	72.6	72.8	72.8	72.8	73.3
GE 3500	65.4	68.4	69.8	71.2	72.2	72.3	72.9	73.2	73.2	73.4	73.5	73.5	73.8	73.8	73.8	74.3
GE 3000	67.1	70.2	71.6	73.0	74.0	74.1	74.7	75.1	75.1	75.3	75.4	75.4	75.6	75.6	75.6	76.2
GE 2500	68.4	71.6	73.1	74.5	75.5	75.6	76.2	76.6	76.6	76.8	76.9	76.9	77.1	77.1	77.1	77.7
GE 2000	69.9	73.2	74.7	76.2	77.2	77.3	78.0	78.4	78.4	78.6	78.7	78.7	78.9	78.9	78.9	79.6
GE 1800	70.4	73.9	75.4	76.9	77.8	78.0	78.6	79.0	79.0	79.2	79.4	79.4	79.6	79.6	79.6	80.2
GE 1500	72.3	76.0	77.7	79.4	80.3	80.5	81.3	81.7	81.7	81.9	82.2	82.2	82.4	82.4	82.4	83.0
GE 1200	73.3	77.2	78.9	80.6	81.9	82.2	82.9	83.3	83.3	83.5	83.8	83.8	84.0	84.0	84.0	84.6
GE 1000	74.3	78.2	80.2	82.6	84.0	84.2	84.9	85.4	85.4	85.6	85.8	85.8	86.0	86.0	86.0	86.7
GE 900	74.7	78.6	80.9	83.2	84.7	84.9	85.7	86.1	86.1	86.3	86.6	86.6	86.8	86.8	86.8	87.4
GE 800	75.3	79.4	81.8	84.6	86.6	86.9	87.6	88.1	88.1	88.3	88.5	88.5	88.7	88.7	88.7	89.4
GE 700	75.3	79.7	82.3	85.3	87.5	88.0	88.8	89.4	89.4	89.6	89.8	89.8	90.0	90.0	90.0	90.6
GE 600	75.4	79.8	82.4	85.4	87.6	88.1	88.9	89.5	89.5	89.7	89.9	89.9	90.1	90.1	90.1	90.8
GE 500	75.7	80.2	83.1	86.3	89.1	89.6	90.5	91.1	91.1	91.3	91.5	91.5	91.8	91.8	91.8	92.5
GE 400	75.8	80.4	83.8	87.1	90.2	90.6	91.7	92.5	92.7	92.9	93.1	93.2	93.5	93.5	93.5	94.2
GE 300	75.8	80.6	84.2	87.6	91.1	91.5	93.0	94.0	94.2	94.5	94.9	95.1	95.5	95.5	95.5	96.1
GE 200	75.9	80.9	84.4	87.8	91.3	91.8	93.7	94.6	94.9	95.4	96.1	96.2	97.3	97.3	97.5	98.3
GE 100	75.9	80.9	84.4	87.8	91.3	91.8	93.7	94.6	94.9	95.7	96.5	96.6	97.7	97.8	98.3	99.4
GE 000	75.9	80.9	84.4	87.8	91.3	91.8	93.7	94.6	94.9	95.7	96.5	96.6	97.7	97.8	98.4	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723535

STATION NAME: VANCE AFB OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: MAR HOURS: 09-11

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	50.9	50.9	51.2	51.3	51.4	51.4	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5
GE 20000	57.6	58.1	58.5	58.7	58.8	58.8	58.9	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1
GE 18000	58.0	58.4	58.8	59.1	59.2	59.2	59.4	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6
GE 16000	58.2	58.6	59.0	59.4	59.5	59.5	59.6	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8
GE 14000	58.6	59.0	59.5	59.8	59.9	59.9	60.0	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2
GE 12000	59.7	60.2	60.6	61.0	61.1	61.1	61.1	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4
GE 10000	61.9	62.6	63.0	63.3	63.4	63.4	63.5	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8
GE 9000	62.0	62.7	63.1	63.4	63.5	63.5	63.7	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9
GE 8000	64.7	65.4	65.8	66.1	66.2	66.2	66.5	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
GE 7000	65.1	65.7	66.5	66.8	66.9	66.9	67.1	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3
GE 6000	65.5	66.5	67.2	67.5	67.6	67.6	67.8	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1
GE 5000	66.7	67.6	68.5	68.8	68.9	68.9	69.1	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4
GE 4500	67.1	68.1	68.9	69.2	69.5	69.5	69.7	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9
GE 4000	68.0	69.0	69.9	70.2	70.4	70.4	70.6	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
GE 3500	68.6	69.7	70.5	71.0	71.2	71.2	71.4	71.7	71.7	71.7	71.8	71.8	71.8	71.8	71.8	71.8
GE 3000	70.5	71.6	72.5	72.9	73.1	73.1	73.3	73.7	73.7	73.7	73.8	73.8	73.8	73.8	73.8	73.8
GE 2500	72.0	73.1	74.0	74.5	74.7	74.7	74.9	75.3	75.3	75.3	75.4	75.4	75.4	75.4	75.4	75.4
GE 2000	72.7	73.9	74.8	75.4	75.8	75.8	76.0	76.3	76.3	76.3	76.5	76.5	76.5	76.5	76.5	76.5
GE 1800	73.5	74.7	75.8	76.5	76.9	76.9	77.1	77.4	77.4	77.4	77.6	77.6	77.6	77.6	77.6	77.6
GE 1500	75.9	77.1	78.4	79.1	79.6	79.6	79.9	80.2	80.2	80.2	80.4	80.4	80.4	80.4	80.4	80.4
GE 1200	78.2	79.9	81.5	82.5	82.9	82.9	83.2	83.5	83.5	83.5	83.8	83.8	83.8	83.8	83.8	83.8
GE 1000	79.7	81.5	83.2	84.5	85.2	85.3	85.6	85.9	85.9	85.9	86.1	86.1	86.1	86.1	86.1	86.1
GE 900	80.2	82.0	83.9	85.5	86.1	86.2	86.6	87.0	87.0	87.0	87.2	87.2	87.2	87.2	87.2	87.2
GE 800	80.4	82.4	84.2	85.9	86.8	86.9	87.2	87.6	87.7	87.7	88.1	88.1	88.1	88.1	88.1	88.1
GE 700	80.9	82.9	85.1	87.4	88.5	88.7	89.0	89.6	89.7	89.7	90.0	90.0	90.0	90.0	90.0	90.0
GE 600	81.0	83.0	85.5	88.0	89.2	89.5	89.8	90.3	90.4	90.4	90.8	90.8	90.8	90.8	90.8	90.8
GE 500	81.1	83.1	85.8	88.6	90.2	90.4	90.9	91.5	91.6	91.8	92.3	92.3	92.4	92.4	92.5	92.5
GE 400	81.2	83.2	86.1	89.1	91.2	91.6	92.0	92.9	93.2	93.5	94.0	94.0	94.3	94.3	94.4	94.4
GE 300	81.4	83.4	86.6	89.8	92.5	92.9	93.7	94.7	95.2	95.5	95.9	95.9	96.3	96.3	96.5	96.5
GE 200	81.4	83.5	86.7	90.0	92.9	93.3	94.3	95.7	96.3	97.0	97.4	97.4	98.0	98.0	98.8	98.8
GE 100	81.4	83.5	86.7	90.0	92.9	93.3	94.3	95.7	96.3	97.0	97.6	97.6	98.3	98.6	99.6	100.0
GE 000	81.4	83.5	86.7	90.0	92.9	93.3	94.3	95.7	96.3	97.0	97.6	97.6	98.3	98.6	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723535

STATION NAME: VANCE AFB OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: MAR HOURS: 12-14

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	50.0	50.0	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3
GE 20000	57.5	57.6	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2
GE 18000	58.3	58.4	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9
GE 16000	58.3	58.4	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9
GE 14000	58.9	59.0	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6
GE 12000	59.5	59.6	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1
GE 10000	62.2	62.3	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8
GE 9000	62.2	62.3	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8
GE 8000	66.0	66.1	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
GE 7000	67.0	67.2	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7
GE 6000	67.5	67.7	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3
GE 5000	68.5	68.7	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2
GE 4500	69.1	69.5	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
GE 4000	69.8	70.1	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6
GE 3500	71.1	71.6	72.2	72.3	72.4	72.4	72.4	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5
GE 3000	74.8	75.4	75.9	76.0	76.1	76.1	76.1	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2
GE 2500	76.7	77.4	78.3	78.4	78.5	78.5	78.5	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6
GE 2000	79.0	80.0	80.9	81.0	81.1	81.1	81.1	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2
GE 1800	80.4	81.5	82.4	82.5	82.6	82.6	82.6	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7
GE 1500	83.3	84.4	85.3	85.5	85.6	85.6	85.6	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7
GE 1200	85.3	86.9	88.3	88.6	88.7	88.7	88.7	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
GE 1000	85.9	87.6	89.5	90.0	90.2	90.2	90.2	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
GE 900	86.1	88.1	90.0	90.6	90.9	90.9	90.9	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.3	91.3
GE 800	86.5	88.5	90.4	91.5	91.7	91.7	91.9	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.4	92.4
GE 700	86.9	89.2	91.3	92.6	93.2	93.2	93.4	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.3	94.3
GE 600	87.0	89.4	91.5	92.8	93.5	93.7	93.9	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.7	94.7
GE 500	87.2	89.6	91.9	93.4	94.5	94.6	94.9	95.7	95.9	96.0	96.0	96.0	96.0	96.0	96.3	96.3
GE 400	87.2	89.6	92.0	93.9	95.2	95.4	95.9	97.0	97.4	97.5	97.5	97.5	97.5	97.5	97.8	97.8
GE 300	87.5	90.0	92.5	94.3	96.0	96.3	96.9	98.0	98.4	98.8	98.8	98.8	98.8	98.8	99.1	99.1
GE 200	87.6	90.1	92.6	94.4	96.1	96.5	97.3	98.5	98.9	99.6	99.6	99.6	99.6	99.6	99.9	99.9
GE 100	87.6	90.1	92.6	94.4	96.1	96.5	97.3	98.5	98.9	99.6	99.6	99.6	99.6	99.7	100.0	100.0
GE 000	87.6	90.1	92.6	94.4	96.1	96.5	97.3	98.5	98.9	99.6	99.6	99.6	99.6	99.7	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723535

STATION NAME: VANCE AFB OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: MAR HOURS: 15-17

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	48.4	48.6	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8
GE 20000	59.7	60.0	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3
GE 18000	60.2	60.5	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9
GE 16000	60.2	60.5	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9
GE 14000	61.0	61.3	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6
GE 12000	61.7	62.0	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4
GE 10000	63.8	64.1	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4
GE 9000	64.2	64.5	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8
GE 8000	66.2	66.6	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9
GE 7000	67.4	67.7	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1
GE 6000	68.0	68.3	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6
GE 5000	69.4	70.0	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4
GE 4500	70.2	70.9	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3
GE 4000	71.4	72.0	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5
GE 3500	73.4	74.2	74.6	74.6	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7
GE 3000	75.7	76.6	77.2	77.2	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
GE 2500	79.0	80.0	80.6	80.8	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9
GE 2000	81.7	83.0	83.9	84.0	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1
GE 1800	82.5	84.0	84.8	84.9	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1
GE 1500	84.6	86.6	87.7	87.8	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5
GE 1200	85.9	88.5	90.0	90.1	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
GE 1000	86.7	89.4	91.1	91.3	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
GE 900	86.8	89.9	91.7	91.9	92.7	92.8	92.8	92.8	92.8	92.9	93.0	93.0	93.0	93.0	93.0	93.0
GE 800	87.2	90.3	92.3	92.6	93.3	93.4	93.4	93.4	93.4	93.5	93.7	93.7	93.7	93.7	93.7	93.7
GE 700	87.5	90.6	93.0	93.9	94.8	94.9	95.2	95.3	95.3	95.4	95.5	95.5	95.5	95.5	95.5	95.5
GE 600	87.8	91.1	93.5	94.4	95.5	95.6	96.0	96.1	96.1	96.2	96.3	96.3	96.3	96.3	96.3	96.3
GE 500	88.0	91.3	93.9	94.8	95.9	96.0	96.5	96.6	96.6	96.7	96.8	96.8	96.8	96.8	96.8	96.8
GE 400	88.2	91.5	94.3	95.4	96.7	96.8	97.4	97.5	98.1	98.6	98.7	98.7	98.7	98.7	98.7	98.7
GE 300	88.5	91.8	94.6	95.7	97.0	97.1	97.7	97.8	98.4	99.0	99.1	99.1	99.1	99.4	99.4	99.4
GE 200	88.5	91.8	94.7	95.8	97.1	97.2	98.2	98.3	98.8	99.5	99.6	99.6	99.6	99.8	99.8	99.8
GE 100	88.5	91.8	94.7	95.8	97.1	97.2	98.2	98.3	98.8	99.5	99.6	99.6	99.8	100.0	100.0	100.0
GE 000	88.5	91.8	94.7	95.8	97.1	97.2	98.2	98.3	98.8	99.5	99.6	99.6	99.8	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723535

STATION NAME: VANCE AFB OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: MAR HOURS: 18-20

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	53.4	53.5	53.7	53.7	53.7	53.7	53.8	53.8	53.8	53.9	53.9	53.9	53.9	53.9	53.9	53.9
GE 20000	63.9	64.0	64.3	64.3	64.3	64.4	64.5	64.5	64.5	64.6	64.6	64.6	64.6	64.6	64.6	64.6
GE 18000	64.3	64.4	64.7	64.7	64.7	64.8	64.9	64.9	64.9	65.1	65.1	65.1	65.1	65.1	65.1	65.1
GE 16000	64.3	64.4	64.7	64.7	64.7	64.8	64.9	64.9	64.9	65.1	65.1	65.1	65.1	65.1	65.1	65.1
GE 14000	64.9	65.2	65.6	65.6	65.6	65.7	65.8	65.8	65.8	65.9	65.9	65.9	65.9	65.9	65.9	65.9
GE 12000	66.3	66.6	67.0	67.0	67.0	67.1	67.2	67.2	67.2	67.3	67.3	67.3	67.3	67.3	67.3	67.3
GE 10000	68.9	69.1	69.7	69.8	69.8	69.9	70.0	70.0	70.0	70.1	70.1	70.1	70.1	70.1	70.1	70.1
GE 9000	69.2	69.5	70.0	70.1	70.1	70.2	70.3	70.3	70.3	70.4	70.4	70.4	70.4	70.4	70.4	70.4
GE 8000	71.6	71.8	72.4	72.5	72.5	72.6	72.7	72.7	72.7	72.8	72.8	72.8	72.8	72.8	72.8	72.8
GE 7000	72.3	72.5	73.0	73.1	73.1	73.2	73.3	73.3	73.3	73.4	73.4	73.4	73.4	73.4	73.4	73.4
GE 6000	72.8	73.0	73.5	73.7	73.7	73.8	73.9	73.9	73.9	74.0	74.0	74.0	74.0	74.0	74.0	74.0
GE 5000	74.8	75.2	75.8	75.9	76.0	76.1	76.3	76.3	76.3	76.5	76.5	76.5	76.5	76.5	76.5	76.5
GE 4500	75.5	75.8	76.5	76.6	76.7	76.8	77.0	77.0	77.0	77.1	77.1	77.1	77.1	77.1	77.1	77.1
GE 4000	76.1	76.5	77.2	77.3	77.4	77.5	77.7	77.7	77.7	77.8	77.8	77.8	77.8	77.8	77.8	77.8
GE 3500	77.4	77.7	78.5	78.7	78.8	78.9	79.1	79.1	79.1	79.2	79.2	79.2	79.2	79.2	79.2	79.2
GE 3000	79.4	79.7	80.6	81.0	81.2	81.3	81.5	81.5	81.5	81.6	81.6	81.6	81.6	81.6	81.6	81.6
GE 2500	82.6	82.9	83.9	84.2	84.5	84.6	84.8	84.8	84.8	84.9	84.9	84.9	84.9	84.9	84.9	84.9
GE 2000	84.2	84.6	85.7	86.2	86.6	86.7	86.9	86.9	86.9	87.0	87.0	87.0	87.0	87.0	87.0	87.0
GE 1800	84.4	84.8	85.9	86.5	86.8	86.9	87.1	87.1	87.1	87.2	87.2	87.2	87.2	87.2	87.2	87.2
GE 1500	85.2	85.8	86.9	87.4	88.0	88.1	88.3	88.3	88.3	88.4	88.4	88.4	88.4	88.4	88.4	88.4
GE 1200	86.0	86.8	87.8	88.4	89.2	89.4	89.6	89.6	89.6	89.7	89.7	89.7	89.7	89.7	89.7	89.7
GE 1000	86.6	88.4	90.1	90.8	91.7	91.8	92.0	92.2	92.2	92.3	92.3	92.3	92.3	92.3	92.3	92.3
GE 900	86.8	88.4	90.1	90.9	91.8	91.9	92.3	92.4	92.4	92.6	92.6	92.6	92.6	92.6	92.6	92.6
GE 800	87.0	88.7	90.4	91.2	92.2	92.4	92.7	92.8	92.8	93.0	93.0	93.0	93.0	93.0	93.0	93.0
GE 700	87.4	89.4	91.1	92.5	93.4	93.7	94.2	94.3	94.3	94.5	94.5	94.5	94.5	94.5	94.5	94.5
GE 600	87.5	89.5	91.3	92.7	93.8	94.0	94.6	94.7	94.9	95.2	95.2	95.2	95.2	95.2	95.2	95.2
GE 500	87.8	89.8	91.8	93.7	94.9	95.3	96.0	96.1	96.5	96.8	96.8	96.8	96.8	96.8	96.8	96.8
GE 400	88.2	90.1	92.3	94.2	95.6	95.9	97.0	97.3	97.6	98.1	98.1	98.1	98.1	98.1	98.1	98.1
GE 300	88.4	90.3	92.5	94.4	95.8	96.1	97.5	98.0	98.3	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 200	88.4	90.3	92.5	94.4	95.9	96.2	98.0	98.4	99.0	99.7	99.7	99.7	99.9	99.9	99.9	99.9
GE 100	88.4	90.3	92.5	94.4	95.9	96.2	98.0	98.4	99.0	99.7	99.7	99.7	100.0	100.0	100.0	100.0
GE 000	88.4	90.3	92.5	94.4	95.9	96.2	98.0	98.4	99.0	99.7	99.7	99.7	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723535

STATION NAME: VANCE AFB OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: MAR HOURS: 21-23

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	59.8	60.2	60.4	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5
GE 20000	66.8	67.2	67.4	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7
GE 18000	66.8	67.2	67.4	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7
GE 16000	66.8	67.2	67.4	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7
GE 14000	66.9	67.3	67.5	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8
GE 12000	67.4	67.8	68.1	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5
GE 10000	69.5	69.9	70.1	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5
GE 9000	70.3	70.8	71.0	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4
GE 8000	71.1	71.6	71.8	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
GE 7000	71.5	72.0	72.3	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8
GE 6000	71.9	72.5	72.7	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3
GE 5000	73.3	74.0	74.2	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8
GE 4500	74.0	74.6	74.8	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.7	75.7	75.7	75.7	75.7
GE 4000	75.9	76.6	76.8	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.6	77.6	77.6	77.6	77.6
GE 3500	77.6	78.3	78.6	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.5	79.5	79.5	79.5	79.5
GE 3000	80.0	80.9	81.3	82.5	82.6	82.6	82.6	82.6	82.6	82.6	82.7	82.7	82.7	82.7	82.7	82.7
GE 2500	81.5	82.4	83.0	84.3	84.4	84.4	84.4	84.4	84.4	84.4	84.5	84.5	84.5	84.5	84.5	84.5
GE 2000	83.5	84.6	85.3	87.0	87.1	87.2	87.2	87.2	87.2	87.2	87.3	87.3	87.3	87.3	87.3	87.3
GE 1800	83.5	84.6	85.3	87.0	87.1	87.2	87.2	87.2	87.2	87.2	87.3	87.3	87.3	87.3	87.3	87.3
GE 1500	84.7	85.8	86.5	88.2	88.3	88.4	88.4	88.4	88.4	88.4	88.5	88.5	88.5	88.5	88.5	88.5
GE 1200	85.6	86.8	87.5	89.2	89.5	89.6	89.7	89.7	89.7	89.7	89.8	89.8	89.8	89.8	89.8	89.8
GE 1000	86.5	88.3	89.0	90.9	91.3	91.4	91.5	91.5	91.5	91.5	91.6	91.6	91.6	91.6	91.6	91.6
GE 900	87.2	89.0	89.8	91.6	92.0	92.2	92.4	92.6	92.6	92.6	92.7	92.7	92.7	92.7	92.7	92.7
GE 800	87.6	89.7	90.5	92.8	93.2	93.4	93.8	94.1	94.1	94.1	94.2	94.2	94.2	94.2	94.2	94.2
GE 700	87.8	89.9	90.9	93.2	93.7	93.9	94.3	94.7	94.7	94.7	94.8	94.8	94.8	94.8	94.8	94.8
GE 600	87.8	90.0	91.3	93.8	94.3	94.5	94.9	95.4	95.5	95.5	95.6	95.6	95.6	95.6	95.6	95.6
GE 500	88.0	90.1	91.5	94.2	95.1	95.4	95.9	96.3	96.5	96.5	96.6	96.6	96.6	96.6	96.6	96.6
GE 400	88.5	90.6	92.4	95.2	96.2	96.7	97.2	97.7	97.8	97.8	98.0	98.0	98.0	98.0	98.0	98.0
GE 300	88.5	90.6	92.6	95.5	96.7	97.2	98.0	98.6	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.8
GE 200	88.5	90.6	92.6	95.5	96.7	97.2	98.1	98.8	99.0	99.4	99.6	99.6	99.8	99.9	99.9	99.9
GE 100	88.5	90.6	92.6	95.5	96.7	97.2	98.1	98.8	99.0	99.4	99.6	99.6	99.8	99.9	99.9	99.9
GE 000	88.5	90.6	92.6	95.5	96.7	97.2	98.1	98.8	99.0	99.4	99.6	99.6	99.8	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723535

STATION NAME: VANCE AFB OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: MAR HOURS: ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	54.4	54.9	55.2	55.4	55.5	55.5	55.6	55.6	55.6	55.7	55.7	55.7	55.7	55.7	55.7	55.8
GE 20000	61.9	62.5	63.0	63.2	63.4	63.5	63.5	63.6	63.6	63.7	63.7	63.7	63.7	63.7	63.7	63.8
GE 18000	62.3	62.9	63.4	63.7	63.8	63.9	64.0	64.0	64.0	64.1	64.1	64.1	64.1	64.1	64.1	64.2
GE 16000	62.4	63.0	63.4	63.7	63.9	63.9	64.0	64.1	64.1	64.1	64.2	64.2	64.2	64.2	64.2	64.3
GE 14000	62.8	63.4	63.9	64.2	64.4	64.4	64.5	64.5	64.5	64.6	64.6	64.6	64.6	64.6	64.6	64.8
GE 12000	63.5	64.1	64.6	64.9	65.1	65.1	65.2	65.3	65.3	65.3	65.3	65.3	65.4	65.4	65.4	65.5
GE 10000	65.6	66.3	66.8	67.1	67.3	67.3	67.4	67.5	67.5	67.6	67.6	67.6	67.6	67.6	67.6	67.7
GE 9000	66.0	66.7	67.1	67.5	67.6	67.7	67.8	67.8	67.8	67.9	67.9	67.9	67.9	67.9	67.9	68.1
GE 8000	68.0	68.7	69.2	69.5	69.7	69.8	69.9	69.9	69.9	70.0	70.0	70.0	70.0	70.0	70.0	70.2
GE 7000	68.6	69.4	69.9	70.2	70.4	70.5	70.6	70.6	70.6	70.7	70.7	70.7	70.7	70.7	70.7	70.9
GE 6000	68.9	69.8	70.3	70.7	70.9	70.9	71.0	71.1	71.1	71.1	71.2	71.2	71.2	71.2	71.2	71.3
GE 5000	70.4	71.3	71.9	72.3	72.5	72.6	72.7	72.8	72.8	72.8	72.9	72.9	72.9	72.9	72.9	73.0
GE 4500	71.0	71.9	72.5	73.0	73.2	73.3	73.4	73.5	73.5	73.5	73.6	73.6	73.6	73.6	73.6	73.7
GE 4000	72.0	72.9	73.5	74.0	74.2	74.3	74.5	74.6	74.6	74.6	74.7	74.7	74.7	74.7	74.7	74.8
GE 3500	73.2	74.3	74.9	75.5	75.7	75.8	75.9	76.0	76.0	76.1	76.2	76.2	76.2	76.2	76.2	76.3
GE 3000	75.3	76.4	77.2	77.8	78.1	78.1	78.3	78.4	78.4	78.5	78.5	78.5	78.5	78.5	78.5	78.7
GE 2500	77.3	78.5	79.4	80.0	80.3	80.4	80.6	80.6	80.6	80.7	80.8	80.8	80.8	80.8	80.8	80.9
GE 2000	79.1	80.5	81.4	82.2	82.5	82.6	82.8	82.9	82.9	83.0	83.0	83.0	83.1	83.1	83.1	83.2
GE 1800	79.7	81.2	82.1	82.9	83.2	83.3	83.5	83.6	83.6	83.7	83.8	83.8	83.8	83.8	83.8	83.9
GE 1500	81.4	83.1	84.1	84.9	85.4	85.5	85.7	85.8	85.8	85.9	86.0	86.0	86.0	86.0	86.0	86.1
GE 1200	82.7	84.6	85.8	86.8	87.3	87.4	87.6	87.8	87.8	87.9	87.9	87.9	88.0	88.0	88.0	88.1
GE 1000	83.7	85.9	87.4	88.5	89.2	89.3	89.5	89.6	89.7	89.8	89.8	89.8	89.9	89.9	89.9	90.0
GE 900	84.0	86.4	87.9	89.1	89.8	89.9	90.2	90.4	90.4	90.5	90.6	90.6	90.6	90.6	90.7	90.8
GE 800	84.4	86.9	88.5	90.0	90.8	91.0	91.3	91.4	91.5	91.6	91.7	91.7	91.7	91.7	91.8	91.9
GE 700	84.7	87.4	89.2	90.9	91.9	92.1	92.5	92.8	92.8	92.9	93.1	93.1	93.1	93.1	93.1	93.3
GE 600	84.9	87.6	89.5	91.3	92.3	92.6	93.0	93.3	93.4	93.5	93.7	93.7	93.7	93.7	93.7	93.9
GE 500	85.1	87.9	90.1	92.1	93.4	93.7	94.2	94.6	94.8	94.9	95.1	95.1	95.1	95.1	95.2	95.3
GE 400	85.4	88.1	90.6	92.8	94.3	94.7	95.4	95.9	96.2	96.4	96.6	96.6	96.7	96.7	96.7	96.9
GE 300	85.5	88.3	90.9	93.1	94.9	95.3	96.2	96.8	97.2	97.6	97.7	97.7	97.9	97.9	98.0	98.1
GE 200	85.6	88.4	91.0	93.3	95.0	95.5	96.6	97.4	97.8	98.4	98.6	98.6	99.0	99.0	99.2	99.4
GE 100	85.6	88.4	91.0	93.3	95.0	95.5	96.6	97.4	97.8	98.5	98.7	98.7	99.3	99.4	99.6	99.9
GE 000	85.6	88.4	91.0	93.3	95.0	95.5	96.6	97.4	97.8	98.5	98.7	98.8	99.3	99.4	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 7440

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723535

STATION NAME: VANCE AFB OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: APR HOURS: 00-02

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	62.8	63.7	64.2	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.7
GE 20000	68.7	69.6	70.1	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.6
GE 18000	68.7	69.6	70.1	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.6
GE 16000	68.7	69.6	70.1	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.6
GE 14000	69.4	70.3	70.9	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.3
GE 12000	69.8	70.7	71.2	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.7
GE 10000	73.0	73.9	74.4	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.9
GE 9000	74.0	74.9	75.4	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.9
GE 8000	76.7	77.6	78.1	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.6
GE 7000	76.9	77.8	78.3	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.8
GE 6000	77.9	78.8	79.3	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.8
GE 5000	80.6	81.6	82.1	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.6
GE 4500	81.3	82.4	83.0	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.4
GE 4000	83.4	84.6	85.1	85.4	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.8
GE 3500	84.7	85.9	86.4	86.8	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	87.1
GE 3000	86.3	87.7	88.2	88.7	89.2	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.6
GE 2500	87.1	88.4	89.0	89.4	90.0	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.3
GE 2000	87.6	88.9	89.4	89.9	90.4	90.6	90.6	90.6	90.6	90.7	90.7	90.7	90.7	90.7	90.7	90.9
GE 1800	88.0	89.3	89.9	90.3	90.9	91.0	91.0	91.0	91.0	91.1	91.1	91.1	91.1	91.1	91.1	91.3
GE 1500	89.4	90.8	91.3	91.9	92.4	92.6	92.6	92.6	92.6	92.7	92.7	92.7	92.7	92.7	92.7	92.9
GE 1200	90.2	91.8	92.3	92.9	93.4	93.6	93.7	93.7	93.7	93.8	93.8	93.8	93.8	93.8	93.8	94.0
GE 1000	90.9	92.6	93.1	93.7	94.2	94.3	94.4	94.4	94.4	94.6	94.6	94.6	94.6	94.6	94.6	94.8
GE 900	91.0	92.8	93.3	94.0	94.6	94.7	94.8	94.8	94.8	94.9	94.9	94.9	94.9	94.9	94.9	95.1
GE 800	91.1	92.9	93.6	94.2	94.8	94.9	95.0	95.0	95.0	95.1	95.1	95.1	95.1	95.1	95.1	95.3
GE 700	91.6	93.3	94.1	94.8	95.6	95.7	95.8	95.8	95.8	95.9	95.9	95.9	95.9	95.9	95.9	96.1
GE 600	91.8	93.7	94.4	95.1	96.0	96.1	96.2	96.2	96.2	96.3	96.3	96.3	96.3	96.3	96.3	96.6
GE 500	92.0	93.9	94.7	95.3	96.6	96.7	96.8	96.8	96.8	96.9	96.9	96.9	96.9	96.9	96.9	97.1
GE 400	92.0	94.0	95.0	95.7	97.2	97.3	97.7	97.7	97.7	97.8	97.8	97.8	97.8	97.8	97.8	98.0
GE 300	92.0	94.0	95.1	95.8	97.4	97.7	98.0	98.0	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.6
GE 200	92.0	94.0	95.4	96.1	97.8	98.0	98.4	98.6	98.8	98.9	98.9	98.9	98.9	98.9	99.0	99.2
GE 100	92.0	94.0	95.4	96.1	97.8	98.0	98.4	98.6	98.8	98.9	98.9	98.9	98.9	98.9	99.2	99.6
GE 000	92.0	94.0	95.4	96.1	97.8	98.0	98.4	98.6	98.8	98.9	98.9	98.9	98.9	98.9	99.2	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723535

STATION NAME: VANCE AFB OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: APR HOURS: 03-05

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	59.6	60.7	61.4	62.3	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.7	62.7	62.8	63.1
GE 20000	65.1	66.4	67.3	68.2	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.6	68.6	68.7	69.0
GE 18000	65.1	66.4	67.3	68.2	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.6	68.6	68.7	69.0
GE 16000	65.1	66.4	67.3	68.2	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.6	68.6	68.7	69.0
GE 14000	65.8	67.1	68.0	68.9	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.2	69.2	69.3	69.7
GE 12000	66.8	68.1	69.0	69.9	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.2	70.2	70.3	70.7
GE 10000	69.1	70.4	71.3	72.3	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.7	72.7	72.8	73.1
GE 9000	69.6	70.9	71.8	72.8	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.1	73.1	73.2	73.6
GE 8000	72.2	73.6	74.4	75.4	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.8	75.8	75.9	76.2
GE 7000	72.9	74.2	75.1	76.1	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.4	76.4	76.6	76.9
GE 6000	74.7	76.0	76.9	77.9	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.2	78.2	78.3	78.7
GE 5000	76.2	77.6	78.4	79.4	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.8	79.8	79.9	80.2
GE 4500	77.6	78.9	79.8	80.8	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.2	81.2	81.3	81.7
GE 4000	79.0	80.3	81.2	82.2	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.7	82.7	82.8	83.1
GE 3500	80.1	81.4	82.4	83.4	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.9	83.9	84.0	84.3
GE 3000	81.2	82.7	83.7	84.7	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.3	85.3	85.4	85.8
GE 2500	81.7	83.2	84.2	85.2	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	86.0	86.0	86.1	86.4
GE 2000	83.7	85.2	86.2	87.2	88.1	88.1	88.1	88.1	88.1	88.2	88.2	88.2	88.3	88.3	88.4	88.8
GE 1800	85.0	86.6	87.7	88.7	89.6	89.6	89.6	89.6	89.6	89.7	89.7	89.7	89.8	89.8	89.9	90.2
GE 1500	85.9	87.6	88.8	89.9	90.9	90.9	90.9	90.9	90.9	91.0	91.0	91.0	91.1	91.1	91.2	91.6
GE 1200	86.6	88.6	89.8	90.9	91.9	91.9	92.0	92.0	92.0	92.1	92.1	92.1	92.2	92.2	92.3	92.7
GE 1000	87.1	89.1	90.4	91.8	92.8	92.8	92.9	92.9	92.9	93.0	93.0	93.0	93.1	93.1	93.2	93.6
GE 900	87.2	89.2	90.7	92.0	93.0	93.0	93.1	93.1	93.1	93.2	93.2	93.2	93.3	93.3	93.4	93.8
GE 800	87.3	89.3	90.8	92.1	93.2	93.2	93.4	93.4	93.4	93.6	93.6	93.6	93.7	93.7	93.8	94.1
GE 700	87.9	89.9	91.3	92.8	93.9	93.9	94.1	94.1	94.1	94.2	94.2	94.2	94.3	94.3	94.4	94.8
GE 600	88.1	90.1	91.6	93.2	94.4	94.4	94.7	94.7	94.7	94.8	94.8	94.8	94.9	94.9	95.0	95.3
GE 500	88.2	90.2	91.7	93.6	94.8	94.8	95.0	95.0	95.0	95.1	95.1	95.1	95.2	95.2	95.3	95.7
GE 400	88.4	90.7	92.1	94.2	95.6	95.6	95.9	96.0	96.0	96.1	96.1	96.1	96.2	96.3	96.6	96.9
GE 300	88.8	91.0	92.4	94.9	96.6	96.6	97.3	97.6	97.6	97.8	97.8	97.8	98.0	98.1	98.3	98.7
GE 200	88.8	91.0	92.4	94.9	96.7	96.7	97.9	98.1	98.1	98.6	98.7	98.7	98.9	99.0	99.2	99.7
GE 100	88.8	91.0	92.4	94.9	96.7	96.7	97.9	98.1	98.1	98.6	98.8	98.8	99.0	99.1	99.3	100.0
GE 000	88.8	91.0	92.4	94.9	96.7	96.7	97.9	98.1	98.1	98.6	98.8	98.8	99.0	99.1	99.3	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723535

STATION NAME: VANCE AFB OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: APR HOURS: 06-08

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	47.0	48.9	50.1	51.3	52.0	52.1	52.3	52.6	52.6	52.7	52.8	52.8	53.0	53.1	53.3	53.6
GE 20000	53.2	55.1	56.6	57.9	58.7	58.8	59.1	59.4	59.6	59.7	59.8	59.8	60.0	60.1	60.3	60.7
GE 18000	53.3	55.2	56.7	58.0	58.8	58.9	59.2	59.6	59.7	59.8	59.9	59.9	60.1	60.2	60.4	60.8
GE 16000	53.3	55.2	56.7	58.0	58.8	58.9	59.2	59.6	59.7	59.8	59.9	59.9	60.1	60.2	60.4	60.8
GE 14000	55.0	56.9	58.4	59.8	60.7	60.8	61.1	61.4	61.6	61.7	61.8	61.8	62.0	62.1	62.3	62.7
GE 12000	56.7	58.7	60.2	61.6	62.4	62.6	62.9	63.2	63.3	63.4	63.6	63.6	63.8	63.9	64.1	64.4
GE 10000	58.6	60.6	62.1	63.4	64.3	64.4	64.8	65.1	65.2	65.3	65.4	65.4	65.7	65.8	66.0	66.3
GE 9000	59.0	61.1	62.7	64.0	64.9	65.0	65.3	65.7	65.8	65.9	66.0	66.0	66.2	66.3	66.6	66.9
GE 8000	63.6	65.8	67.3	68.7	69.6	69.7	70.0	70.3	70.4	70.6	70.7	70.7	70.9	71.0	71.2	71.6
GE 7000	64.8	67.0	68.8	70.1	71.1	71.2	71.6	71.9	72.0	72.1	72.2	72.2	72.4	72.6	72.8	73.1
GE 6000	65.7	67.9	69.8	71.1	72.1	72.2	72.6	72.9	73.0	73.1	73.2	73.2	73.4	73.6	73.8	74.1
GE 5000	67.0	69.4	71.3	72.9	73.9	74.0	74.3	74.7	74.8	74.9	75.0	75.0	75.2	75.3	75.6	75.9
GE 4500	67.7	70.1	72.0	73.6	74.6	74.7	75.0	75.3	75.4	75.6	75.7	75.7	75.9	76.0	76.2	76.6
GE 4000	69.0	71.7	73.6	75.1	76.2	76.3	76.7	77.1	77.2	77.3	77.4	77.4	77.7	77.8	78.0	78.3
GE 3500	70.1	72.8	74.8	76.7	77.9	78.0	78.3	79.0	79.1	79.2	79.3	79.3	79.6	79.7	79.9	80.2
GE 3000	70.8	73.6	75.6	77.4	78.7	78.8	79.1	79.9	80.0	80.1	80.2	80.2	80.4	80.6	80.8	81.1
GE 2500	71.8	74.9	77.1	79.1	80.3	80.7	81.0	81.8	81.9	82.0	82.1	82.1	82.3	82.4	82.7	83.0
GE 2000	72.9	76.0	78.3	80.6	81.9	82.2	82.6	83.3	83.4	83.6	83.7	83.7	83.9	84.0	84.2	84.6
GE 1800	73.3	76.4	78.9	81.2	82.7	83.1	83.4	84.2	84.3	84.4	84.6	84.6	84.8	84.9	85.1	85.4
GE 1500	75.3	79.0	82.1	84.8	86.4	86.9	87.2	88.0	88.1	88.2	88.3	88.3	88.6	88.7	88.9	89.2
GE 1200	76.1	79.8	83.4	86.1	87.8	88.2	88.6	89.3	89.4	89.6	89.7	89.7	89.9	90.0	90.2	90.6
GE 1000	76.9	80.9	84.6	87.3	89.2	89.7	90.1	91.0	91.1	91.2	91.3	91.3	91.6	91.7	91.9	92.2
GE 900	77.2	81.2	85.0	87.8	89.7	90.1	90.7	91.7	91.8	91.9	92.0	92.0	92.2	92.3	92.6	92.9
GE 800	77.2	81.2	85.1	88.0	89.9	90.3	90.9	92.0	92.1	92.2	92.4	92.4	92.7	92.8	93.0	93.3
GE 700	77.3	81.4	85.4	88.6	90.8	91.2	91.8	92.9	93.0	93.1	93.3	93.3	93.6	93.7	93.9	94.2
GE 600	77.3	81.7	85.8	89.0	91.4	91.9	92.4	93.6	93.7	93.8	94.0	94.0	94.2	94.3	94.6	94.9
GE 500	77.4	81.8	86.0	89.4	92.3	92.8	93.3	94.6	94.7	94.8	95.0	95.0	95.2	95.3	95.6	95.9
GE 400	77.6	82.0	86.2	90.0	93.1	93.6	94.2	95.7	95.8	96.1	96.3	96.3	96.6	96.9	97.1	97.4
GE 300	77.7	82.1	86.3	90.1	93.4	94.0	94.7	96.1	96.3	96.7	96.9	96.9	97.2	97.6	97.8	98.1
GE 200	77.7	82.1	86.4	90.3	93.8	94.3	95.1	96.6	96.8	97.1	97.3	97.3	97.7	98.1	98.3	98.8
GE 100	77.7	82.1	86.4	90.3	93.8	94.3	95.1	96.6	96.8	97.6	98.1	98.1	98.7	99.1	99.4	100.0
GE 000	77.7	82.1	86.4	90.3	93.8	94.3	95.1	96.6	96.8	97.6	98.1	98.1	98.7	99.1	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723535

STATION NAME: VANCE AFB OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: APR HOURS: 09-11

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	53.6	54.0	54.1	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2
GE 20000	59.0	59.6	59.7	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8
GE 18000	59.1	59.7	59.8	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9
GE 16000	59.1	59.7	59.8	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9
GE 14000	60.4	61.1	61.2	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
GE 12000	62.8	63.6	63.7	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8
GE 10000	65.7	66.4	66.6	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
GE 9000	66.4	67.2	67.3	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4
GE 8000	69.2	70.1	70.2	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
GE 7000	69.9	71.0	71.1	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2
GE 6000	70.6	71.8	71.9	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0
GE 5000	72.4	73.8	74.1	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
GE 4500	73.6	74.9	75.2	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3
GE 4000	74.2	75.6	75.9	76.1	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3
GE 3500	76.0	77.3	77.7	77.9	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
GE 3000	76.6	77.9	78.2	78.4	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
GE 2500	77.9	79.2	79.7	79.9	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1
GE 2000	79.2	80.7	81.2	81.6	82.0	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1
GE 1800	80.1	81.7	82.2	82.7	83.1	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
GE 1500	82.8	84.9	85.4	85.9	86.6	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
GE 1200	84.2	86.6	87.4	87.9	88.6	88.7	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
GE 1000	85.0	87.4	88.6	89.2	90.0	90.1	90.3	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4
GE 900	85.6	88.6	89.8	90.6	91.4	91.6	91.9	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
GE 800	85.8	88.8	90.2	91.0	92.1	92.3	92.7	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
GE 700	86.3	89.3	91.0	92.0	93.1	93.4	93.9	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
GE 600	86.3	89.3	91.1	92.3	93.7	94.1	94.6	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
GE 500	86.4	89.7	91.9	93.2	94.8	95.3	95.9	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
GE 400	86.7	90.2	92.4	94.0	96.2	97.0	98.1	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE 300	86.7	90.2	92.4	94.1	96.3	97.2	98.3	98.9	98.9	99.0	99.1	99.1	99.1	99.1	99.1	99.1
GE 200	86.8	90.3	92.6	94.2	96.4	97.3	98.4	99.1	99.1	99.2	99.3	99.3	99.3	99.3	99.4	99.4
GE 100	86.8	90.3	92.6	94.2	96.4	97.3	98.4	99.1	99.1	99.2	99.3	99.3	99.3	99.4	99.6	100.0
GE 000	86.8	90.3	92.6	94.2	96.4	97.3	98.4	99.1	99.1	99.2	99.3	99.3	99.3	99.4	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723535

STATION NAME: VANCE APB OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: APR HOURS: 12-14

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 1 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	54.1	54.4	54.4	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6
GE 20000	63.7	64.0	64.0	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1
GE 18000	63.7	64.0	64.0	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1
GE 16000	63.8	64.1	64.1	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2
GE 14000	65.0	65.3	65.3	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4
GE 12000	67.3	67.7	67.7	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8
GE 10000	70.2	70.6	70.6	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7
GE 9000	70.2	70.6	70.6	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7
GE 8000	73.0	73.3	73.3	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4
GE 7000	74.1	74.4	74.4	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6
GE 6000	74.4	74.8	74.8	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9
GE 5000	75.4	75.8	75.9	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0
GE 4500	76.1	76.4	76.6	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
GE 4000	77.7	78.0	78.1	78.2	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3
GE 3500	79.9	80.2	80.4	80.6	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7
GE 3000	81.2	81.6	81.8	81.9	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0
GE 2500	84.7	85.1	85.3	85.4	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6
GE 2000	87.7	88.1	88.4	88.7	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
GE 1800	87.8	88.2	88.6	88.8	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
GE 1500	89.4	90.0	90.3	90.6	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
GE 1200	91.0	92.0	92.8	93.2	93.3	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
GE 1000	91.6	93.1	94.1	94.6	94.8	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
GE 900	92.1	93.8	94.8	95.4	96.1	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
GE 800	92.3	94.0	95.2	95.9	96.7	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
GE 700	92.4	94.1	95.3	96.0	96.8	97.0	97.1	97.1	97.1	97.2	97.2	97.2	97.2	97.2	97.2	97.2
GE 600	92.4	94.1	95.4	96.1	96.9	97.1	97.2	97.2	97.2	97.3	97.3	97.3	97.3	97.3	97.3	97.3
GE 500	92.4	94.2	95.6	96.2	97.6	97.9	98.0	98.2	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3
GE 400	92.6	94.6	96.1	96.9	98.2	98.6	98.7	98.9	98.9	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 300	92.6	94.6	96.1	97.0	98.6	98.9	99.0	99.4	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 200	92.6	94.6	96.1	97.0	98.6	98.9	99.0	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 100	92.6	94.6	96.1	97.0	98.6	98.9	99.0	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	100.0
GE 000	92.6	94.6	96.1	97.0	98.6	98.9	99.0	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723535

STATION NAME: VANCE AFB OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: APR HOURS: 15-17

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	56.0	56.3	56.6	56.7	56.7	56.7	56.7	56.7	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8
GE 20000	67.8	68.1	68.3	68.4	68.4	68.4	68.4	68.4	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6
GE 18000	67.9	68.2	68.4	68.6	68.6	68.6	68.6	68.6	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7
GE 16000	67.9	68.2	68.4	68.6	68.6	68.6	68.6	68.6	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7
GE 14000	68.4	68.8	69.0	69.1	69.1	69.1	69.1	69.1	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2
GE 12000	69.9	70.2	70.4	70.6	70.6	70.6	70.6	70.6	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7
GE 10000	72.1	72.4	72.8	72.9	72.9	72.9	72.9	72.9	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0
GE 9000	72.6	72.9	73.2	73.3	73.3	73.3	73.3	73.3	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4
GE 8000	75.4	75.8	76.1	76.2	76.2	76.2	76.2	76.2	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3
GE 7000	76.0	76.3	76.8	76.9	76.9	76.9	76.9	76.9	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0
GE 6000	76.6	76.9	77.3	77.4	77.4	77.4	77.4	77.4	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6
GE 5000	78.9	79.3	79.8	79.9	79.9	79.9	79.9	79.9	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
GE 4500	80.4	80.9	81.3	81.4	81.4	81.4	81.4	81.4	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6
GE 4000	82.2	82.7	83.1	83.2	83.2	83.2	83.2	83.2	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
GE 3500	84.7	85.1	85.6	85.7	86.0	86.0	86.0	86.1	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2
GE 3000	86.0	86.4	86.9	87.0	87.3	87.3	87.4	87.6	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
GE 2500	88.3	88.9	89.3	89.4	89.8	89.8	90.0	90.1	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
GE 2000	91.3	91.9	92.3	92.4	92.8	92.8	93.0	93.1	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
GE 1800	91.4	92.0	92.4	92.6	92.9	92.9	93.1	93.2	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
GE 1500	92.6	93.2	93.7	93.8	94.1	94.1	94.4	94.6	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
GE 1200	93.0	93.9	94.7	94.8	95.2	95.2	95.6	95.7	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
GE 1000	93.4	94.3	95.2	95.3	95.9	95.9	96.2	96.4	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
GE 900	93.8	94.9	95.9	96.0	96.6	96.6	96.9	97.1	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
GE 800	94.0	95.1	96.1	96.3	97.0	97.0	97.3	97.6	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
GE 700	94.3	95.7	96.7	96.9	97.6	97.6	97.9	98.2	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4
GE 600	94.4	95.8	96.8	97.0	97.8	97.8	98.1	98.4	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE 500	94.4	95.9	96.9	97.1	98.3	98.3	98.7	99.0	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 400	94.4	95.9	96.9	97.1	98.3	98.4	98.8	99.1	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 300	94.4	95.9	96.9	97.1	98.4	98.6	98.9	99.3	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 200	94.4	95.9	96.9	97.1	98.4	98.6	98.9	99.3	99.4	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	94.4	95.9	96.9	97.1	98.4	98.6	98.9	99.3	99.4	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	94.4	95.9	96.9	97.1	98.4	98.6	98.9	99.3	99.4	99.9	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723535

STATION NAME: VANCE AFB OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: APR HOURS: 18-20

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	59.3	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1
GE 20000	72.6	73.6	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7
GE 18000	72.6	73.6	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7
GE 16000	72.7	73.7	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8
GE 14000	73.7	74.9	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0
GE 12000	75.8	77.0	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1
GE 10000	77.2	78.4	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6
GE 9000	77.8	79.0	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1
GE 8000	81.3	82.7	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
GE 7000	81.8	83.2	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
GE 6000	81.9	83.3	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4
GE 5000	83.7	85.2	85.4	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6
GE 4500	84.7	86.2	86.4	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6
GE 4000	87.2	89.0	89.2	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
GE 3500	87.4	89.2	89.6	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
GE 3000	88.8	90.6	90.9	91.0	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2
GE 2500	89.9	91.7	92.0	92.2	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
GE 2000	90.8	92.6	92.9	93.2	93.7	93.7	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
GE 1800	91.6	93.3	93.7	94.0	94.4	94.4	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
GE 1500	92.3	94.1	94.4	94.8	95.2	95.2	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
GE 1200	92.6	94.6	95.0	95.4	95.9	95.9	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
GE 1000	92.7	94.8	95.3	95.8	96.2	96.2	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
GE 900	93.0	95.2	95.8	96.2	96.7	96.7	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
GE 800	93.1	95.3	96.0	96.4	97.1	97.1	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
GE 700	93.4	95.7	96.3	96.8	97.6	97.6	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
GE 600	93.6	95.8	96.7	97.1	98.0	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
GE 500	93.6	95.8	96.7	97.1	98.4	98.4	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE 400	93.6	95.8	96.8	97.3	98.9	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 300	93.6	95.8	96.8	97.4	99.0	99.1	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 200	93.6	95.8	96.8	97.4	99.0	99.1	99.3	99.4	99.4	99.4	99.6	99.6	99.6	99.9	99.9	99.9
GE 100	93.6	95.8	96.8	97.6	99.1	99.2	99.4	99.6	99.6	99.7	99.7	99.7	100.0	100.0	100.0	100.0
GE 000	93.6	95.8	96.8	97.6	99.1	99.2	99.4	99.6	99.6	99.7	99.7	99.7	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723535

STATION NAME: VANCE AFB OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: APR HOURS: 21-23

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	64.7	64.8	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2
GE 20000	73.4	73.6	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0
GE 18000	73.4	73.6	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0
GE 16000	73.4	73.6	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0
GE 14000	74.4	74.6	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0
GE 12000	75.3	75.4	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
GE 10000	78.4	78.6	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2
GE 9000	79.0	79.1	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8
GE 8000	82.4	82.6	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
GE 7000	82.7	82.8	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4
GE 6000	83.0	83.1	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8
GE 5000	84.9	85.0	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7
GE 4500	86.8	86.9	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6
GE 4000	88.2	88.3	89.0	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
GE 3500	89.0	89.1	89.8	90.0	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
GE 3000	90.3	90.4	91.1	91.3	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
GE 2500	91.2	91.3	92.1	92.3	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
GE 2000	91.7	91.8	92.6	92.8	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
GE 1800	92.2	92.3	93.1	93.3	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
GE 1500	93.0	93.1	93.9	94.1	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
GE 1200	93.7	94.3	95.2	95.4	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
GE 1000	93.7	94.4	95.3	95.7	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
GE 900	94.0	95.0	96.0	96.3	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
GE 800	94.1	95.1	96.2	96.6	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
GE 700	94.3	95.3	96.7	97.1	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
GE 600	94.7	95.7	97.1	97.6	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
GE 500	94.7	95.7	97.1	97.6	98.1	98.1	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
GE 400	94.7	95.7	97.1	97.7	98.6	98.6	98.9	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 300	94.8	95.8	97.2	97.8	98.7	98.7	99.0	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 200	94.8	95.9	97.3	98.0	98.9	98.9	99.3	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 100	94.8	95.9	97.3	98.0	98.9	98.9	99.3	99.4	99.6	99.7	99.7	99.7	99.7	99.7	99.7	100.0
GE 000	94.8	95.9	97.3	98.0	98.9	98.9	99.3	99.4	99.6	99.7	99.7	99.7	99.7	99.7	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723535

STATION NAME: VANCE APB OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: APR HOURS: ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	57.1	57.9	58.3	58.6	58.7	58.7	58.8	58.8	58.8	58.8	58.8	58.8	58.9	58.9	58.9	59.0
GE 20000	65.4	66.2	66.7	67.1	67.2	67.2	67.2	67.3	67.3	67.3	67.3	67.3	67.4	67.4	67.4	67.5
GE 18000	65.5	66.3	66.8	67.1	67.2	67.2	67.3	67.3	67.3	67.4	67.4	67.4	67.4	67.4	67.5	67.6
GE 16000	65.5	66.3	66.8	67.1	67.3	67.3	67.3	67.3	67.4	67.4	67.4	67.4	67.4	67.5	67.5	67.6
GE 14000	66.5	67.4	67.9	68.2	68.3	68.4	68.4	68.4	68.5	68.5	68.5	68.5	68.5	68.6	68.6	68.7
GE 12000	68.0	68.9	69.4	69.8	69.9	69.9	69.9	70.0	70.0	70.0	70.0	70.0	70.1	70.1	70.1	70.3
GE 10000	70.5	71.4	71.9	72.3	72.4	72.5	72.5	72.5	72.6	72.6	72.6	72.6	72.6	72.7	72.7	72.8
GE 9000	71.1	72.0	72.5	72.8	73.0	73.0	73.0	73.1	73.1	73.1	73.1	73.1	73.2	73.2	73.2	73.3
GE 8000	74.2	75.2	75.7	76.1	76.2	76.2	76.3	76.3	76.3	76.3	76.3	76.3	76.4	76.4	76.4	76.6
GE 7000	74.9	75.8	76.4	76.8	76.9	76.9	77.0	77.0	77.1	77.1	77.1	77.1	77.1	77.1	77.2	77.3
GE 6000	75.6	76.6	77.2	77.5	77.7	77.7	77.7	77.8	77.8	77.8	77.8	77.8	77.9	77.9	77.9	78.0
GE 5000	77.4	78.5	79.1	79.5	79.7	79.7	79.7	79.8	79.8	79.8	79.8	79.8	79.8	79.9	79.9	80.0
GE 4500	78.5	79.6	80.2	80.6	80.8	80.8	80.9	80.9	80.9	80.9	81.0	81.0	81.0	81.0	81.1	81.2
GE 4000	80.1	81.3	81.9	82.4	82.6	82.6	82.7	82.7	82.7	82.8	82.8	82.8	82.8	82.8	82.9	83.0
GE 3500	81.5	82.6	83.3	83.8	84.1	84.2	84.2	84.3	84.3	84.3	84.3	84.3	84.4	84.4	84.4	84.6
GE 3000	82.7	83.8	84.5	85.1	85.5	85.5	85.6	85.7	85.7	85.7	85.7	85.7	85.8	85.8	85.8	85.9
GE 2500	84.1	85.3	86.1	86.6	87.1	87.1	87.2	87.3	87.3	87.4	87.4	87.4	87.4	87.4	87.5	87.6
GE 2000	85.6	86.9	87.7	88.3	88.8	88.9	89.0	89.1	89.1	89.2	89.2	89.2	89.2	89.2	89.3	89.4
GE 1800	86.2	87.5	88.3	88.9	89.5	89.6	89.7	89.8	89.8	89.8	89.8	89.8	89.8	89.9	89.9	90.1
GE 1500	87.6	89.1	90.0	90.7	91.3	91.4	91.5	91.6	91.6	91.7	91.7	91.7	91.7	91.8	91.8	91.9
GE 1200	88.4	90.2	91.3	92.1	92.7	92.8	92.9	93.1	93.1	93.1	93.1	93.1	93.2	93.2	93.2	93.3
GE 1000	88.9	90.8	92.1	92.9	93.6	93.7	93.9	94.0	94.1	94.1	94.1	94.1	94.2	94.2	94.2	94.3
GE 900	89.2	91.3	92.7	93.5	94.3	94.4	94.6	94.8	94.8	94.8	94.8	94.8	94.9	94.9	94.9	95.1
GE 800	89.4	91.5	92.9	93.8	94.7	94.8	95.0	95.2	95.2	95.3	95.3	95.3	95.3	95.3	95.4	95.5
GE 700	89.7	91.8	93.4	94.4	95.3	95.4	95.7	95.9	95.9	96.0	96.0	96.0	96.0	96.1	96.1	96.2
GE 600	89.8	92.0	93.6	94.7	95.7	95.9	96.1	96.3	96.3	96.4	96.4	96.4	96.5	96.5	96.5	96.7
GE 500	89.9	92.1	93.8	94.9	96.4	96.5	96.8	97.1	97.1	97.2	97.2	97.2	97.3	97.3	97.3	97.4
GE 400	90.0	92.3	94.1	95.4	97.0	97.3	97.7	98.0	98.0	98.2	98.2	98.2	98.2	98.3	98.3	98.4
GE 300	90.1	92.4	94.2	95.5	97.3	97.6	98.1	98.5	98.5	98.7	98.7	98.7	98.8	98.8	98.9	99.0
GE 200	90.1	92.4	94.3	95.6	97.4	97.7	98.3	98.8	98.8	99.1	99.2	99.2	99.3	99.3	99.4	99.6
GE 100	90.1	92.4	94.3	95.7	97.5	97.7	98.3	98.8	98.9	99.2	99.3	99.3	99.4	99.5	99.6	99.9
GE 000	90.1	92.4	94.3	95.7	97.5	97.7	98.3	98.8	98.9	99.2	99.3	99.3	99.4	99.5	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 7200

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723535

STATION NAME: VANCE AFB OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: MAY HOURS: 00-02

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	61.9	62.6	63.3	63.5	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7
GE 20000	67.8	68.6	69.6	69.8	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9
GE 18000	67.8	68.6	69.6	69.8	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9
GE 16000	67.8	68.6	69.6	69.8	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9
GE 14000	68.2	69.0	70.0	70.2	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
GE 12000	70.2	71.1	72.0	72.4	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5
GE 10000	73.2	74.1	75.1	75.5	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6
GE 9000	73.4	74.3	75.3	75.7	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8
GE 8000	75.3	76.1	77.1	77.6	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7
GE 7000	75.6	76.5	77.4	78.0	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
GE 6000	76.5	77.3	78.3	78.8	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9
GE 5000	78.6	79.9	80.9	81.4	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5
GE 4500	79.5	80.8	81.7	82.3	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4
GE 4000	81.2	82.5	83.4	84.0	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1
GE 3500	82.3	83.7	84.6	85.2	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.4	85.4	85.4	85.4
GE 3000	84.3	85.8	86.8	87.4	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.6	87.6	87.6	87.6
GE 2500	85.1	86.6	87.5	88.2	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.4	88.4	88.4	88.4
GE 2000	86.3	88.3	89.4	90.1	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.3	90.3	90.3	90.3
GE 1800	86.6	88.5	89.6	90.3	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.5	90.5	90.5	90.5
GE 1500	87.6	90.1	91.3	92.0	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.4	92.4	92.4	92.4
GE 1200	88.2	90.8	92.3	93.0	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.4	93.4	93.4	93.4
GE 1000	88.6	91.4	92.9	93.7	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.1	94.1	94.1	94.1
GE 900	88.8	91.7	93.2	94.0	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.4	94.4	94.4	94.4
GE 800	89.2	92.2	93.7	94.6	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	95.1	95.1	95.1	95.1
GE 700	89.2	92.2	93.7	94.6	95.1	95.1	95.2	95.2	95.2	95.2	95.2	95.2	95.3	95.3	95.3	95.3
GE 600	89.7	92.6	94.1	95.2	95.8	95.8	96.1	96.1	96.1	96.1	96.1	96.1	96.2	96.2	96.2	96.2
GE 500	89.9	93.0	94.6	95.8	96.6	96.6	96.9	96.9	96.9	96.9	96.9	96.9	97.0	97.0	97.0	97.0
GE 400	90.0	93.1	94.7	95.9	96.9	96.9	97.2	97.3	97.3	97.4	97.4	97.4	97.5	97.5	97.5	97.5
GE 300	90.1	93.3	94.9	96.3	97.5	97.5	98.1	98.3	98.3	98.4	98.4	98.4	98.5	98.5	98.5	98.5
GE 200	90.1	93.4	95.1	96.6	97.8	97.8	98.6	98.9	98.9	99.0	99.0	99.0	99.2	99.2	99.2	99.2
GE 100	90.2	93.7	95.3	96.8	98.2	98.2	99.0	99.5	99.5	99.6	99.6	99.6	99.8	99.8	99.8	99.9
GE 000	90.2	93.7	95.3	96.8	98.2	98.2	99.0	99.5	99.5	99.6	99.6	99.6	99.8	99.8	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723535

STATION NAME: VANCE AFB OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: MAY HOURS: 03-05

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	52.6	54.1	54.9	55.8	56.5	56.5	56.6	56.6	56.6	56.6	56.7	56.7	56.7	56.7	56.7	56.7
GE 20000	60.1	61.7	62.8	63.8	64.4	64.4	64.5	64.5	64.5	64.5	64.6	64.6	64.6	64.6	64.6	64.6
GE 18000	60.1	61.7	62.8	63.8	64.4	64.4	64.5	64.5	64.5	64.5	64.6	64.6	64.6	64.6	64.6	64.6
GE 16000	60.1	61.7	62.8	63.8	64.4	64.4	64.5	64.5	64.5	64.5	64.6	64.6	64.6	64.6	64.6	64.6
GE 14000	60.2	61.8	62.9	63.9	64.5	64.5	64.6	64.6	64.6	64.6	64.7	64.7	64.7	64.7	64.7	64.7
GE 12000	62.0	63.8	64.9	66.0	66.7	66.7	66.8	66.8	66.8	66.8	66.9	66.9	66.9	66.9	66.9	66.9
GE 10000	65.3	67.2	68.4	69.6	70.3	70.3	70.4	70.4	70.4	70.4	70.5	70.5	70.5	70.5	70.5	70.5
GE 9000	65.5	67.4	68.6	69.8	70.5	70.5	70.6	70.6	70.6	70.6	70.8	70.8	70.8	70.8	70.8	70.8
GE 8000	67.0	68.9	70.1	71.4	72.2	72.2	72.3	72.3	72.3	72.3	72.4	72.4	72.4	72.4	72.4	72.4
GE 7000	67.4	69.4	70.5	71.8	72.6	72.6	72.7	72.7	72.7	72.7	72.8	72.8	72.8	72.8	72.8	72.8
GE 6000	68.2	70.1	71.3	72.6	73.3	73.3	73.4	73.4	73.4	73.4	73.5	73.5	73.5	73.5	73.5	73.5
GE 5000	69.8	71.8	73.0	74.3	75.1	75.1	75.2	75.2	75.2	75.2	75.3	75.3	75.3	75.3	75.3	75.3
GE 4500	70.8	72.9	74.1	75.4	76.1	76.1	76.2	76.2	76.2	76.2	76.3	76.3	76.3	76.3	76.3	76.3
GE 4000	73.0	75.2	76.3	77.6	78.4	78.4	78.5	78.5	78.5	78.5	78.6	78.6	78.6	78.6	78.6	78.6
GE 3500	73.9	76.3	77.6	79.0	79.8	79.8	79.9	79.9	79.9	79.9	80.0	80.0	80.0	80.0	80.0	80.0
GE 3000	75.7	78.3	79.6	81.1	81.8	81.8	81.9	81.9	81.9	81.9	82.0	82.0	82.0	82.0	82.0	82.0
GE 2500	76.5	79.0	80.4	81.9	82.7	82.7	82.8	82.8	82.8	82.8	82.9	82.9	82.9	82.9	82.9	82.9
GE 2000	78.1	80.6	82.4	83.9	84.7	84.7	84.9	84.9	84.9	84.9	85.1	85.1	85.1	85.1	85.1	85.1
GE 1800	78.5	81.1	82.8	84.3	85.2	85.2	85.4	85.4	85.4	85.4	85.5	85.5	85.5	85.5	85.5	85.5
GE 1500	80.1	82.8	84.7	86.2	87.1	87.1	87.3	87.3	87.3	87.3	87.4	87.4	87.4	87.4	87.4	87.4
GE 1200	81.4	84.1	86.5	88.1	88.9	88.9	89.2	89.2	89.2	89.2	89.4	89.4	89.4	89.4	89.4	89.4
GE 1000	82.2	84.9	87.3	89.1	90.0	90.0	90.5	90.5	90.5	90.5	90.6	90.6	90.6	90.6	90.6	90.6
GE 900	82.4	85.4	87.8	89.9	90.8	90.9	91.4	91.4	91.4	91.4	91.5	91.5	91.5	91.5	91.5	91.5
GE 800	83.0	86.2	88.8	91.0	91.9	92.0	92.6	92.6	92.6	92.6	92.7	92.7	92.7	92.7	92.7	92.7
GE 700	83.2	86.5	89.0	91.3	92.4	92.5	93.0	93.0	93.0	93.0	93.1	93.1	93.1	93.1	93.1	93.1
GE 600	83.7	86.9	89.5	91.8	92.9	93.0	93.5	93.5	93.5	93.5	93.7	93.7	93.7	93.7	93.7	93.7
GE 500	83.9	87.2	89.9	92.4	93.8	93.9	94.4	94.4	94.4	94.4	94.5	94.5	94.5	94.5	94.5	94.6
GE 400	84.2	87.7	90.5	93.3	94.8	94.9	95.5	95.7	95.8	95.8	95.9	95.9	95.9	95.9	95.9	96.0
GE 300	84.5	88.1	91.0	93.8	95.6	95.7	96.2	96.5	96.6	96.7	96.8	96.8	96.8	96.9	96.9	97.0
GE 200	84.6	88.3	91.3	94.3	96.3	96.5	97.1	97.4	97.6	97.7	98.3	98.3	98.5	98.6	98.7	98.8
GE 100	84.6	88.3	91.3	94.3	96.3	96.5	97.1	97.4	97.7	97.8	98.4	98.4	98.6	98.7	99.1	99.4
GE 000	84.6	88.3	91.3	94.3	96.3	96.5	97.1	97.4	97.7	97.8	98.4	98.4	98.6	98.7	99.1	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723535

STATION NAME: VANCE AFB OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: MAY HOURS: 06-08

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	44.5	46.9	48.3	49.4	50.3	50.5	50.5	50.9	51.0	51.0	51.1	51.1	51.2	51.2	51.3	51.3
GE 20000	51.4	54.3	55.9	57.1	58.2	58.4	58.5	58.8	58.9	58.9	59.0	59.0	59.1	59.1	59.2	59.2
GE 18000	51.9	54.8	56.5	57.6	58.7	58.9	59.0	59.4	59.5	59.5	59.6	59.6	59.7	59.7	59.8	59.8
GE 16000	51.9	54.8	56.5	57.6	58.7	58.9	59.0	59.4	59.5	59.5	59.6	59.6	59.7	59.7	59.8	59.8
GE 14000	52.8	55.7	57.3	58.5	59.6	59.8	59.9	60.2	60.3	60.3	60.4	60.4	60.5	60.5	60.6	60.6
GE 12000	54.0	57.0	58.6	59.8	60.9	61.1	61.2	61.6	61.7	61.7	61.8	61.8	61.9	61.9	62.0	62.0
GE 10000	56.8	59.8	61.6	62.8	63.9	64.1	64.2	64.6	64.7	64.8	64.9	64.9	65.1	65.1	65.2	65.2
GE 9000	57.1	60.1	61.9	63.1	64.2	64.4	64.5	64.9	65.1	65.2	65.3	65.3	65.4	65.4	65.5	65.5
GE 8000	60.1	63.1	64.9	66.1	67.3	67.6	67.7	68.2	68.3	68.4	68.5	68.5	68.6	68.6	68.7	68.7
GE 7000	60.5	63.5	65.4	66.6	67.7	68.1	68.2	68.6	68.7	68.8	68.9	68.9	69.0	69.0	69.1	69.1
GE 6000	61.8	64.8	66.7	67.8	69.0	69.4	69.5	69.9	70.0	70.1	70.2	70.2	70.3	70.3	70.4	70.4
GE 5000	63.1	66.2	68.1	69.4	70.5	71.0	71.2	71.6	71.7	71.8	71.9	71.9	72.0	72.0	72.2	72.2
GE 4500	64.1	67.2	69.0	70.3	71.5	71.9	72.2	72.6	72.7	72.8	72.9	72.9	73.0	73.0	73.1	73.1
GE 4000	65.7	68.9	70.8	72.2	73.3	73.8	74.0	74.4	74.5	74.6	74.7	74.7	74.8	74.8	74.9	74.9
GE 3500	66.7	69.9	71.8	73.2	74.5	74.9	75.4	75.8	75.9	76.0	76.1	76.1	76.2	76.2	76.3	76.3
GE 3000	68.2	71.5	73.4	74.8	76.2	76.7	77.2	77.6	77.7	77.8	78.0	78.0	78.1	78.1	78.2	78.2
GE 2500	68.9	72.4	74.4	76.0	77.4	77.8	78.5	79.0	79.1	79.2	79.4	79.4	79.5	79.5	79.6	79.6
GE 2000	70.3	73.9	75.9	77.5	79.2	79.8	80.6	81.2	81.3	81.4	81.5	81.5	81.6	81.6	81.7	81.7
GE 1800	71.5	75.2	77.2	78.8	80.5	81.1	81.9	82.5	82.6	82.7	82.8	82.8	82.9	82.9	83.0	83.0
GE 1500	73.4	77.6	79.8	81.6	83.4	84.0	84.8	85.4	85.5	85.6	85.7	85.7	85.8	85.8	85.9	85.9
GE 1200	74.0	78.3	80.8	82.7	84.6	85.2	86.1	86.7	86.8	86.9	87.0	87.0	87.1	87.1	87.2	87.2
GE 1000	75.3	79.7	82.2	84.5	86.6	87.1	88.2	88.7	88.8	88.9	89.0	89.0	89.1	89.1	89.2	89.2
GE 900	75.6	80.0	82.5	84.8	86.9	87.4	88.6	89.2	89.4	89.5	89.6	89.6	89.7	89.7	89.8	89.8
GE 800	76.0	80.6	83.2	85.6	87.7	88.4	89.6	90.4	90.5	90.6	90.8	90.8	90.9	90.9	91.0	91.0
GE 700	76.2	81.0	83.7	86.0	88.2	88.8	90.1	91.1	91.2	91.3	91.4	91.4	91.5	91.5	91.6	91.6
GE 600	76.6	81.3	84.2	86.8	88.9	89.6	91.0	91.9	92.2	92.3	92.4	92.4	92.5	92.5	92.6	92.6
GE 500	76.8	81.7	84.7	87.3	89.6	90.2	91.7	92.9	93.1	93.2	93.3	93.3	93.5	93.5	93.7	93.8
GE 400	76.9	81.8	85.1	87.6	90.5	91.2	92.8	94.2	94.6	94.7	94.9	94.9	95.2	95.2	95.3	95.4
GE 300	77.1	82.0	85.6	88.3	91.6	92.4	94.0	95.9	96.6	97.1	97.3	97.3	97.5	97.5	97.6	97.7
GE 200	77.1	82.2	85.7	88.4	91.9	92.7	94.3	96.3	97.2	97.7	98.1	98.2	98.6	98.6	98.7	98.9
GE 100	77.1	82.2	85.7	88.4	91.9	92.7	94.3	96.3	97.2	97.7	98.3	98.4	98.8	98.8	99.0	99.8
GE 000	77.1	82.2	85.7	88.4	91.9	92.7	94.3	96.3	97.2	97.7	98.3	98.4	98.8	98.8	99.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723535

STATION NAME: VANCE AFB OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: MAY HOURS: 09-11

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	51.1	51.7	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8
GE 20000	59.2	60.0	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1
GE 18000	60.0	60.9	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0
GE 16000	60.0	60.9	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0
GE 14000	60.8	61.6	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7
GE 12000	62.8	63.8	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9
GE 10000	65.2	66.1	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2
GE 9000	65.5	66.5	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6
GE 8000	67.5	68.6	68.8	68.9	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0
GE 7000	67.6	68.7	68.9	69.0	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1
GE 6000	68.4	69.5	69.7	69.9	70.0	70.0	70.0	70.0	70.0	70.1	70.1	70.1	70.1	70.1	70.1	70.1
GE 5000	69.1	70.3	70.5	70.8	71.0	71.0	71.0	71.0	71.0	71.1	71.1	71.1	71.1	71.1	71.1	71.1
GE 4500	69.9	71.1	71.3	71.5	71.7	71.7	71.7	71.7	71.7	71.8	71.8	71.8	71.8	71.8	71.8	71.8
GE 4000	70.9	72.2	72.4	72.6	72.8	72.8	72.8	72.8	72.8	72.9	72.9	72.9	72.9	72.9	72.9	72.9
GE 3500	71.6	73.1	73.4	73.8	74.0	74.0	74.0	74.0	74.0	74.1	74.1	74.1	74.1	74.1	74.1	74.1
GE 3000	73.5	75.3	75.7	76.1	76.3	76.3	76.3	76.3	76.3	76.5	76.5	76.5	76.5	76.5	76.5	76.5
GE 2500	75.7	77.5	78.0	78.4	78.6	78.6	78.6	78.6	78.6	78.7	78.7	78.7	78.7	78.7	78.7	78.7
GE 2000	79.1	81.0	81.4	81.8	82.0	82.0	82.0	82.0	82.0	82.2	82.2	82.2	82.2	82.2	82.2	82.2
GE 1800	80.4	82.3	82.8	83.2	83.4	83.4	83.4	83.4	83.4	83.5	83.5	83.5	83.5	83.5	83.5	83.5
GE 1500	82.9	85.4	86.1	87.0	87.2	87.2	87.2	87.2	87.2	87.3	87.3	87.3	87.3	87.3	87.3	87.4
GE 1200	85.8	88.6	89.7	90.8	91.0	91.0	91.0	91.0	91.0	91.1	91.1	91.1	91.1	91.1	91.1	91.2
GE 1000	86.8	89.8	91.1	92.3	92.8	92.8	92.8	92.8	92.8	92.9	92.9	92.9	92.9	92.9	92.9	93.0
GE 900	87.2	90.2	91.5	93.1	93.7	93.7	93.9	93.9	93.9	94.0	94.0	94.0	94.0	94.0	94.0	94.1
GE 800	87.4	90.8	92.3	93.9	94.5	94.5	94.7	94.7	94.7	94.8	94.8	94.8	94.8	94.8	94.8	94.9
GE 700	88.0	91.4	93.0	94.9	95.7	95.7	95.9	96.0	96.0	96.1	96.1	96.1	96.1	96.1	96.1	96.2
GE 600	88.2	91.7	93.3	95.3	96.1	96.1	96.7	96.8	96.8	96.9	96.9	96.9	96.9	96.9	96.9	97.0
GE 500	88.3	91.8	93.4	95.5	96.6	96.6	97.1	97.3	97.3	97.4	97.4	97.4	97.4	97.4	97.4	97.5
GE 400	88.5	92.2	93.8	96.0	97.5	97.5	98.1	98.4	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.7
GE 300	88.5	92.2	93.9	96.5	98.1	98.2	98.8	99.2	99.4	99.8	99.8	99.8	99.8	99.8	99.8	99.9
GE 200	88.5	92.2	93.9	96.5	98.1	98.2	98.8	99.2	99.4	99.8	99.8	99.8	99.8	99.8	99.8	99.9
GE 100	88.5	92.2	93.9	96.5	98.1	98.2	98.9	99.4	99.5	99.9	99.9	99.9	99.9	99.9	99.9	100.0
GE 000	88.5	92.2	93.9	96.5	98.1	98.2	98.9	99.4	99.5	99.9	99.9	99.9	99.9	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723535

STATION NAME: VANCE AFB OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: MAY HOURS: 12-14

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	51.2	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3
GE 20000	60.5	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8
GE 18000	61.1	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
GE 16000	61.1	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
GE 14000	61.7	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9
GE 12000	63.1	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3
GE 10000	66.6	66.8	66.8	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9
GE 9000	66.9	67.1	67.1	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2
GE 8000	69.1	69.5	69.5	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6
GE 7000	69.5	69.8	69.8	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9
GE 6000	70.1	70.4	70.4	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5
GE 5000	71.4	71.7	71.7	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8
GE 4500	72.9	73.2	73.2	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3
GE 4000	74.5	75.2	75.3	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4
GE 3500	78.0	78.6	78.7	78.8	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0
GE 3000	82.4	83.2	83.3	83.4	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7
GE 2500	86.2	87.2	87.3	87.4	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6
GE 2000	88.8	90.0	90.1	90.2	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4
GE 1800	89.2	90.5	90.6	90.8	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
GE 1500	91.4	92.9	93.3	93.7	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
GE 1200	93.1	94.6	95.1	95.4	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
GE 1000	93.5	95.1	95.8	96.1	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
GE 900	93.8	95.4	96.1	96.5	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
GE 800	94.0	95.6	96.3	96.7	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
GE 700	94.3	96.1	96.9	97.3	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
GE 600	94.3	96.2	97.1	97.8	98.5	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE 500	94.3	96.2	97.1	98.0	98.7	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 400	94.3	96.2	97.2	98.1	99.0	99.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 300	94.4	96.3	97.3	98.2	99.1	99.4	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 200	94.4	96.3	97.3	98.2	99.1	99.4	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 100	94.4	96.3	97.3	98.2	99.1	99.4	99.7	99.7	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE 000	94.4	96.3	97.3	98.2	99.1	99.4	99.7	99.7	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723535

STATION NAME: VANCE APB OR
LST TO UTC: + 6

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: MAY HOURS: 15-17

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1
GE 20000	66.1	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3
GE 18000	66.9	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1
GE 16000	67.0	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2
GE 14000	67.5	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7
GE 12000	69.2	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6
GE 10000	72.6	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9
GE 9000	72.9	73.3	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4
GE 8000	75.1	75.5	75.6	75.6	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7
GE 7000	75.9	76.3	76.5	76.5	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6
GE 6000	76.3	76.8	76.9	76.9	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0
GE 5000	78.1	78.5	78.6	78.6	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
GE 4500	79.6	80.0	80.1	80.2	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3
GE 4000	82.9	83.3	83.4	83.5	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7
GE 3500	87.0	87.4	87.7	87.8	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
GE 3000	90.0	90.6	91.1	91.3	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
GE 2500	90.9	91.7	92.2	92.4	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5
GE 2000	92.3	93.3	93.8	94.0	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
GE 1800	92.6	93.7	94.1	94.3	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
GE 1500	94.1	95.5	95.9	96.3	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
GE 1200	94.6	96.1	96.6	97.0	97.1	97.1	97.1	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
GE 1000	95.4	96.9	97.3	97.7	97.8	97.8	97.8	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
GE 900	95.4	97.0	97.5	98.0	98.1	98.1	98.1	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
GE 800	95.4	97.0	97.5	98.1	98.2	98.2	98.2	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
GE 700	95.4	97.0	97.5	98.4	98.5	98.5	98.5	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE 600	95.6	97.2	97.8	98.7	98.8	98.8	98.8	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 500	95.6	97.3	98.0	98.9	99.1	99.1	99.1	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 400	95.6	97.3	98.2	99.1	99.4	99.5	99.5	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 300	95.6	97.3	98.3	99.2	99.5	99.6	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	95.6	97.3	98.3	99.2	99.5	99.6	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	95.6	97.3	98.3	99.2	99.5	99.6	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	95.6	97.3	98.3	99.2	99.5	99.6	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723535

STATION NAME: VANCE AFB OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: MAY HOURS: 18-20

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	58.8	59.7	59.8	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
GE 20000	71.3	72.5	72.6	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8
GE 18000	72.0	73.2	73.3	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5
GE 16000	72.2	73.3	73.4	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7
GE 14000	72.4	73.5	73.7	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9
GE 12000	74.1	75.4	75.5	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7
GE 10000	77.6	79.0	79.1	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
GE 9000	78.3	79.7	79.8	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
GE 8000	80.1	81.5	81.6	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8
GE 7000	80.5	81.9	82.0	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3
GE 6000	80.8	82.2	82.3	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5
GE 5000	82.2	83.8	84.0	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2
GE 4500	82.9	84.6	84.8	85.2	85.2	85.2	85.2	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
GE 4000	85.5	87.2	87.4	87.7	87.7	87.7	87.7	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
GE 3500	86.3	88.3	88.6	89.4	89.5	89.6	89.6	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
GE 3000	87.7	89.9	90.4	91.2	91.3	91.4	91.6	91.7	91.7	91.7	91.7	91.7	91.7	91.9	91.9	91.9
GE 2500	88.5	90.8	91.4	92.2	92.3	92.4	92.6	92.7	92.7	92.7	92.7	92.7	92.7	92.9	92.9	92.9
GE 2000	89.2	91.6	92.5	93.2	93.3	93.4	93.7	93.8	93.8	93.8	93.8	93.8	93.8	94.0	94.0	94.0
GE 1800	89.5	91.8	92.7	93.4	93.5	93.7	93.9	94.0	94.0	94.0	94.0	94.0	94.0	94.2	94.2	94.2
GE 1500	90.2	92.8	93.7	94.5	94.6	94.7	94.9	95.1	95.1	95.1	95.1	95.1	95.1	95.3	95.3	95.3
GE 1200	91.9	94.6	95.5	96.3	96.5	96.7	97.0	97.2	97.2	97.2	97.2	97.2	97.2	97.4	97.4	97.4
GE 1000	93.0	95.8	96.7	97.5	97.6	97.8	98.2	98.4	98.4	98.4	98.4	98.4	98.4	98.6	98.6	98.6
GE 900	93.0	95.8	96.7	97.5	97.6	97.8	98.2	98.4	98.4	98.4	98.4	98.4	98.4	98.6	98.6	98.6
GE 800	93.0	95.8	96.7	97.5	97.6	97.8	98.2	98.4	98.4	98.4	98.4	98.4	98.4	98.6	98.6	98.6
GE 700	93.1	95.9	96.8	97.6	97.7	98.0	98.3	98.5	98.5	98.5	98.5	98.5	98.5	98.7	98.7	98.7
GE 600	93.3	96.1	97.0	97.8	98.0	98.2	98.5	98.7	98.7	98.7	98.7	98.7	98.7	98.9	98.9	98.9
GE 500	93.3	96.1	97.0	97.8	98.2	98.4	98.7	99.0	99.0	99.0	99.0	99.0	99.0	99.2	99.2	99.2
GE 400	93.3	96.1	97.0	97.8	98.2	98.4	98.7	99.0	99.0	99.0	99.0	99.2	99.2	99.5	99.5	99.5
GE 300	93.3	96.1	97.0	98.0	98.5	98.7	99.0	99.4	99.4	99.4	99.4	99.6	99.6	99.8	99.8	99.9
GE 200	93.3	96.1	97.0	98.0	98.5	98.7	99.0	99.4	99.4	99.4	99.5	99.7	99.7	99.9	99.9	100.0
GE 100	93.3	96.1	97.0	98.0	98.5	98.7	99.0	99.4	99.4	99.4	99.5	99.7	99.7	99.9	99.9	100.0
GE 000	93.3	96.1	97.0	98.0	98.5	98.7	99.0	99.4	99.4	99.4	99.5	99.7	99.7	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723535

STATION NAME: VANCE AFB OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: MAY HOURS: 21-23

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	63.2	63.5	63.7	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0
GE 20000	70.5	71.1	71.3	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7
GE 18000	70.9	71.4	71.6	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0
GE 16000	70.9	71.4	71.6	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0
GE 14000	71.0	71.5	71.7	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2
GE 12000	73.2	73.8	74.0	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4
GE 10000	75.7	76.2	76.7	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1
GE 9000	76.6	77.1	77.5	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0
GE 8000	78.4	78.9	79.4	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9
GE 7000	78.5	79.0	79.5	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
GE 6000	79.0	79.6	80.0	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5
GE 5000	80.0	81.0	81.5	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2
GE 4500	80.8	81.7	82.4	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0
GE 4000	82.7	83.7	84.3	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9
GE 3500	83.4	84.5	85.2	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
GE 3000	85.9	87.1	87.8	88.6	88.8	88.8	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
GE 2500	86.6	88.1	89.1	89.9	90.2	90.2	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
GE 2000	87.6	89.1	90.3	91.1	91.4	91.4	91.5	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
GE 1800	87.8	89.4	90.5	91.3	91.6	91.6	91.7	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
GE 1500	89.2	90.9	92.2	92.9	93.2	93.2	93.3	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
GE 1200	90.4	92.2	93.4	94.2	94.9	94.9	95.1	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
GE 1000	91.3	93.0	94.5	95.7	96.5	96.5	96.7	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.9	96.9
GE 900	91.3	93.0	94.5	95.7	96.5	96.5	96.7	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.9	96.9
GE 800	91.6	93.3	94.8	96.2	97.0	97.0	97.2	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.4	97.4
GE 700	91.8	93.5	95.1	96.6	97.3	97.3	97.5	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.7	97.7
GE 600	91.8	93.5	95.1	96.6	97.3	97.3	97.5	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.8	97.8
GE 500	92.0	93.9	95.4	97.0	98.0	98.0	98.2	98.4	98.4	98.4	98.5	98.5	98.5	98.5	98.6	98.6
GE 400	92.0	93.9	95.4	97.0	98.0	98.0	98.4	98.7	98.7	98.7	98.8	98.8	98.8	98.8	99.0	99.0
GE 300	92.2	94.0	95.5	97.1	98.2	98.2	98.7	99.0	99.0	99.0	99.1	99.1	99.1	99.2	99.5	99.6
GE 200	92.2	94.0	95.5	97.2	98.3	98.3	98.8	99.1	99.1	99.1	99.2	99.2	99.2	99.5	99.6	99.9
GE 100	92.2	94.0	95.5	97.2	98.3	98.3	98.8	99.1	99.1	99.1	99.2	99.2	99.2	99.5	99.6	99.9
GE 000	92.2	94.0	95.5	97.2	98.3	98.3	98.8	99.1	99.1	99.1	99.2	99.2	99.2	99.5	99.6	99.9

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723535

STATION NAME: VANCE AFB OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: MAY HOURS: ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	54.8	55.6	56.0	56.4	56.6	56.6	56.6	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7
GE 20000	63.4	64.4	64.9	65.3	65.5	65.6	65.6	65.6	65.6	65.6	65.7	65.7	65.7	65.7	65.7	65.7
GE 18000	63.8	64.9	65.4	65.8	66.0	66.0	66.0	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.2	66.2
GE 16000	63.9	64.9	65.4	65.8	66.0	66.0	66.1	66.1	66.1	66.1	66.2	66.2	66.2	66.2	66.2	66.2
GE 14000	64.3	65.4	65.9	66.3	66.5	66.5	66.5	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6
GE 12000	66.1	67.2	67.7	68.1	68.4	68.4	68.4	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5
GE 10000	69.1	70.3	70.8	71.3	71.5	71.6	71.6	71.6	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7
GE 9000	69.5	70.7	71.3	71.7	72.0	72.0	72.0	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.2	72.2
GE 8000	71.6	72.8	73.4	73.9	74.2	74.2	74.2	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.4	74.4
GE 7000	71.9	73.1	73.8	74.2	74.5	74.6	74.6	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7
GE 6000	72.6	73.8	74.4	74.9	75.2	75.3	75.3	75.3	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4
GE 5000	74.0	75.4	76.0	76.6	76.9	76.9	77.0	77.0	77.0	77.1	77.1	77.1	77.1	77.1	77.1	77.1
GE 4500	75.0	76.4	77.1	77.6	77.9	78.0	78.0	78.1	78.1	78.1	78.2	78.2	78.2	78.2	78.2	78.2
GE 4000	77.0	78.5	79.2	79.7	80.0	80.1	80.1	80.2	80.2	80.2	80.3	80.3	80.3	80.3	80.3	80.3
GE 3500	78.6	80.2	81.0	81.6	82.0	82.0	82.1	82.2	82.2	82.2	82.2	82.2	82.2	82.3	82.3	82.3
GE 3000	81.0	82.7	83.5	84.2	84.6	84.7	84.8	84.9	84.9	84.9	85.0	85.0	85.0	85.0	85.0	85.0
GE 2500	82.3	84.2	85.0	85.8	86.2	86.3	86.4	86.5	86.5	86.5	86.5	86.5	86.5	86.6	86.6	86.6
GE 2000	84.0	86.0	87.0	87.7	88.2	88.3	88.4	88.5	88.5	88.6	88.6	88.6	88.7	88.7	88.7	88.7
GE 1800	84.5	86.5	87.5	88.3	88.8	88.8	89.0	89.1	89.1	89.2	89.2	89.2	89.2	89.2	89.2	89.2
GE 1500	86.1	88.5	89.6	90.5	91.0	91.1	91.3	91.4	91.4	91.4	91.5	91.5	91.5	91.5	91.5	91.5
GE 1200	87.4	89.9	91.2	92.2	92.8	92.8	93.1	93.2	93.2	93.2	93.3	93.3	93.3	93.3	93.3	93.3
GE 1000	88.3	90.8	92.2	93.3	94.0	94.1	94.3	94.5	94.5	94.5	94.5	94.5	94.6	94.6	94.6	94.6
GE 900	88.4	91.1	92.5	93.7	94.3	94.4	94.7	94.9	94.9	94.9	94.9	94.9	95.0	95.0	95.0	95.0
GE 800	88.7	91.4	92.9	94.2	94.9	95.0	95.3	95.5	95.5	95.5	95.5	95.5	95.6	95.6	95.6	95.6
GE 700	88.9	91.7	93.2	94.6	95.3	95.5	95.8	96.0	96.0	96.0	96.1	96.1	96.1	96.1	96.1	96.2
GE 600	89.1	91.9	93.5	95.0	95.8	95.9	96.3	96.6	96.6	96.6	96.6	96.6	96.7	96.7	96.7	96.7
GE 500	89.3	92.2	93.8	95.3	96.3	96.4	96.9	97.2	97.2	97.2	97.3	97.3	97.3	97.3	97.4	97.4
GE 400	89.4	92.3	94.0	95.6	96.8	96.9	97.4	97.8	97.9	97.9	98.0	98.0	98.1	98.1	98.1	98.2
GE 300	89.5	92.4	94.2	95.9	97.3	97.4	98.0	98.5	98.6	98.8	98.9	98.9	98.9	99.0	99.0	99.1
GE 200	89.5	92.5	94.2	96.0	97.4	97.6	98.2	98.8	98.9	99.1	99.2	99.3	99.4	99.4	99.5	99.6
GE 100	89.5	92.5	94.3	96.1	97.5	97.7	98.3	98.8	99.0	99.2	99.4	99.4	99.6	99.6	99.7	99.9
GE 000	89.5	92.5	94.3	96.1	97.5	97.7	98.3	98.8	99.0	99.2	99.4	99.4	99.6	99.6	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 7440

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723535

STATION NAME: VANCE AFB OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: JUN HOURS: 00-02

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	66.0	66.7	67.6	67.7	67.7	67.7	67.7	67.7	67.7	67.8	67.8	67.8	67.8	67.8	67.8	67.8
GE 20000	75.9	76.7	77.6	77.9	78.0	78.0	78.0	78.0	78.0	78.1	78.1	78.1	78.1	78.1	78.1	78.1
GE 18000	75.9	76.7	77.6	77.9	78.0	78.0	78.0	78.0	78.0	78.1	78.1	78.1	78.1	78.1	78.1	78.1
GE 16000	75.9	76.7	77.6	77.9	78.0	78.0	78.0	78.0	78.0	78.1	78.1	78.1	78.1	78.1	78.1	78.1
GE 14000	76.6	77.3	78.2	78.6	78.8	78.8	78.8	78.8	78.8	78.9	78.9	78.9	78.9	78.9	78.9	78.9
GE 12000	77.6	78.3	79.2	79.6	79.8	79.8	79.8	79.8	79.8	79.9	79.9	79.9	79.9	79.9	79.9	79.9
GE 10000	81.2	82.1	83.2	83.6	83.8	83.8	83.8	83.8	83.8	83.9	83.9	83.9	83.9	83.9	83.9	83.9
GE 9000	81.6	82.4	83.6	84.0	84.3	84.3	84.3	84.3	84.3	84.4	84.4	84.4	84.4	84.4	84.4	84.4
GE 8000	84.4	85.4	86.6	87.0	87.6	87.6	87.7	87.7	87.7	87.8	87.8	87.8	87.8	87.8	87.8	87.8
GE 7000	84.9	85.9	87.0	87.4	88.0	88.0	88.1	88.1	88.1	88.2	88.2	88.2	88.2	88.2	88.2	88.2
GE 6000	85.0	86.0	87.1	87.6	88.1	88.1	88.2	88.2	88.2	88.3	88.3	88.3	88.3	88.3	88.3	88.3
GE 5000	86.8	87.8	88.9	89.4	90.0	90.0	90.1	90.1	90.1	90.2	90.2	90.2	90.2	90.2	90.2	90.2
GE 4500	87.4	88.6	89.7	90.2	90.8	90.8	90.9	90.9	90.9	91.0	91.0	91.0	91.0	91.0	91.0	91.0
GE 4000	89.3	90.8	92.0	92.8	93.4	93.4	93.6	93.6	93.6	93.7	93.7	93.7	93.7	93.7	93.7	93.7
GE 3500	89.4	90.9	92.1	92.9	93.8	93.8	93.9	93.9	93.9	94.0	94.0	94.0	94.0	94.0	94.0	94.0
GE 3000	90.7	92.1	93.4	94.2	95.1	95.1	95.2	95.2	95.2	95.3	95.3	95.3	95.3	95.3	95.3	95.3
GE 2500	91.2	92.8	94.1	94.9	95.9	95.9	96.0	96.0	96.0	96.1	96.2	96.2	96.2	96.2	96.2	96.2
GE 2000	91.7	93.2	94.6	95.3	96.3	96.3	96.4	96.4	96.4	96.6	96.7	96.7	96.7	96.7	96.7	96.7
GE 1800	91.7	93.2	94.6	95.3	96.3	96.3	96.4	96.4	96.4	96.6	96.7	96.7	96.7	96.7	96.7	96.7
GE 1500	92.2	93.8	95.2	96.0	97.0	97.1	97.2	97.2	97.2	97.3	97.4	97.4	97.4	97.4	97.4	97.4
GE 1200	92.2	93.8	95.2	96.0	97.0	97.1	97.2	97.2	97.2	97.3	97.4	97.4	97.4	97.4	97.4	97.4
GE 1000	92.4	94.0	95.4	96.2	97.2	97.3	97.4	97.4	97.4	97.6	97.7	97.7	97.7	97.7	97.7	97.7
GE 900	92.6	94.1	95.6	96.3	97.3	97.4	97.6	97.6	97.6	97.7	97.8	97.8	97.8	97.8	97.8	97.8
GE 800	92.6	94.1	95.6	96.3	97.3	97.4	97.6	97.6	97.6	97.7	97.8	97.8	97.8	97.8	97.8	97.8
GE 700	92.7	94.3	95.8	96.6	97.8	97.9	98.0	98.0	98.0	98.1	98.2	98.2	98.2	98.2	98.2	98.2
GE 600	92.8	94.4	95.9	96.7	98.0	98.2	98.4	98.4	98.4	98.6	98.7	98.7	98.7	98.7	98.7	98.7
GE 500	93.0	94.7	96.1	96.9	98.2	98.4	98.7	98.7	98.7	98.8	98.9	98.9	98.9	98.9	98.9	98.9
GE 400	93.1	94.8	96.3	97.2	98.7	98.9	99.1	99.1	99.1	99.2	99.3	99.3	99.3	99.3	99.3	99.3
GE 300	93.2	94.9	96.4	97.6	99.0	99.2	99.4	99.4	99.4	99.6	99.7	99.7	99.7	99.7	99.7	99.7
GE 200	93.3	95.0	96.7	97.8	99.2	99.4	99.7	99.7	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9
GE 100	93.3	95.0	96.7	97.8	99.2	99.4	99.7	99.7	99.7	99.8	99.9	99.9	100.0	100.0	100.0	100.0
GE 000	93.3	95.0	96.7	97.8	99.2	99.4	99.7	99.7	99.7	99.8	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723535

STATION NAME: VANCE AFB OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: JUN HOURS: 03-05

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	58.9	61.2	62.8	63.8	64.3	64.3	64.7	64.8	64.9	65.0	65.0	65.0	65.0	65.0	65.0	65.0
GE 20000	67.9	70.2	72.3	73.4	74.0	74.0	74.3	74.4	74.6	74.7	74.7	74.7	74.7	74.7	74.7	74.7
GE 18000	67.9	70.2	72.3	73.4	74.0	74.0	74.3	74.4	74.6	74.7	74.7	74.7	74.7	74.7	74.7	74.7
GE 16000	67.9	70.2	72.3	73.4	74.0	74.0	74.3	74.4	74.6	74.7	74.7	74.7	74.7	74.7	74.7	74.7
GE 14000	68.2	70.6	72.9	74.0	74.6	74.6	74.9	75.0	75.1	75.2	75.2	75.2	75.2	75.2	75.2	75.2
GE 12000	69.0	71.3	73.7	74.8	75.3	75.3	75.7	75.8	75.9	76.0	76.0	76.0	76.0	76.0	76.0	76.0
GE 10000	73.7	76.2	78.7	79.8	80.3	80.3	80.7	80.8	80.9	81.0	81.0	81.0	81.0	81.0	81.0	81.0
GE 9000	74.0	76.6	79.0	80.1	80.7	80.7	81.0	81.1	81.2	81.3	81.3	81.3	81.3	81.3	81.3	81.3
GE 8000	76.6	79.2	81.8	83.0	83.8	83.8	84.1	84.2	84.3	84.4	84.4	84.4	84.4	84.4	84.4	84.4
GE 7000	76.9	79.6	82.1	83.3	84.1	84.1	84.4	84.6	84.7	84.8	84.8	84.8	84.8	84.8	84.8	84.8
GE 6000	77.3	80.0	82.8	84.0	84.8	84.8	85.1	85.2	85.3	85.4	85.4	85.4	85.4	85.4	85.4	85.4
GE 5000	77.9	80.6	83.3	84.6	85.3	85.3	85.7	85.8	85.9	86.0	86.0	86.0	86.0	86.0	86.0	86.0
GE 4500	78.2	80.9	83.7	85.0	85.9	85.9	86.2	86.3	86.4	86.6	86.6	86.6	86.6	86.6	86.6	86.6
GE 4000	80.4	83.7	86.4	88.0	88.9	88.9	89.2	89.3	89.4	89.6	89.6	89.6	89.6	89.6	89.6	89.6
GE 3500	81.6	84.9	87.7	89.2	90.1	90.1	90.4	90.6	90.7	90.8	90.8	90.8	90.8	90.8	90.8	90.8
GE 3000	82.7	86.0	89.1	90.9	91.8	91.8	92.1	92.2	92.3	92.4	92.4	92.4	92.4	92.4	92.4	92.4
GE 2500	83.3	86.7	89.8	91.6	92.4	92.4	92.8	92.9	93.0	93.1	93.1	93.1	93.1	93.1	93.1	93.1
GE 2000	83.8	87.3	90.6	92.7	93.6	93.6	93.9	94.0	94.1	94.2	94.2	94.2	94.2	94.2	94.2	94.2
GE 1800	83.8	87.3	90.6	92.7	93.6	93.6	93.9	94.0	94.1	94.2	94.2	94.2	94.2	94.2	94.2	94.2
GE 1500	85.0	88.6	91.8	94.2	95.1	95.1	95.6	95.7	95.8	96.0	96.0	96.0	96.0	96.0	96.0	96.0
GE 1200	85.0	88.6	91.8	94.2	95.1	95.1	95.6	95.7	95.8	96.0	96.0	96.0	96.0	96.0	96.0	96.0
GE 1000	85.1	88.7	91.9	94.3	95.2	95.2	95.7	95.8	95.9	96.1	96.1	96.1	96.1	96.1	96.1	96.1
GE 900	85.3	88.9	92.1	94.6	95.4	95.4	95.9	96.0	96.1	96.3	96.3	96.3	96.3	96.3	96.3	96.3
GE 800	85.6	89.1	92.3	94.8	95.7	95.7	96.1	96.2	96.3	96.6	96.6	96.6	96.6	96.6	96.6	96.6
GE 700	85.6	89.1	92.3	94.8	95.9	95.9	96.3	96.4	96.6	96.8	96.8	96.8	96.8	96.8	96.8	96.8
GE 600	85.6	89.2	92.4	95.0	96.3	96.4	97.0	97.1	97.2	97.4	97.4	97.4	97.4	97.4	97.4	97.4
GE 500	85.8	89.4	92.7	95.3	96.7	97.0	97.6	97.7	97.8	98.0	98.0	98.0	98.0	98.0	98.0	98.0
GE 400	85.8	89.4	92.8	95.6	96.9	97.2	97.8	97.9	98.0	98.2	98.2	98.2	98.3	98.3	98.3	98.3
GE 300	85.8	89.4	93.0	95.8	97.1	97.4	98.0	98.1	98.2	98.4	98.4	98.4	98.7	98.7	98.7	98.7
GE 200	85.8	89.4	93.0	96.0	97.3	97.7	98.2	98.3	98.4	98.8	98.8	98.8	99.2	99.2	99.2	99.2
GE 100	85.8	89.4	93.1	96.3	97.7	98.0	98.6	98.8	98.9	99.2	99.2	99.2	99.7	99.7	99.7	99.7
GE 000	85.8	89.4	93.1	96.3	97.7	98.0	98.6	98.8	98.9	99.2	99.2	99.2	99.7	99.7	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723535

STATION NAME: VANCE AFB OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: JUN HOURS: 06-08

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	49.9	52.4	54.6	55.8	56.2	56.6	56.8	57.0	57.3	57.3	57.3	57.3	57.3	57.3	57.4	57.4
GE 20000	60.3	63.6	66.1	67.4	68.1	68.4	68.8	69.1	69.4	69.4	69.4	69.4	69.6	69.6	69.7	69.7
GE 18000	60.3	63.6	66.1	67.6	68.3	68.7	69.0	69.3	69.7	69.7	69.7	69.7	69.8	69.8	69.9	69.9
GE 16000	60.3	63.6	66.1	67.6	68.3	68.7	69.0	69.3	69.7	69.7	69.7	69.7	69.8	69.8	69.9	69.9
GE 14000	61.4	64.7	67.3	68.8	69.6	69.9	70.2	70.6	70.9	70.9	70.9	70.9	71.0	71.0	71.1	71.1
GE 12000	63.3	66.8	69.7	71.1	72.2	72.6	72.9	73.2	73.7	73.8	73.8	73.8	73.9	73.9	74.0	74.0
GE 10000	68.4	71.9	74.8	76.2	77.3	77.7	78.0	78.3	78.8	78.9	78.9	78.9	79.0	79.0	79.1	79.1
GE 9000	68.9	72.4	75.3	76.8	77.9	78.2	78.6	78.9	79.3	79.4	79.4	79.4	79.6	79.6	79.7	79.7
GE 8000	71.6	75.1	78.0	79.4	80.7	81.0	81.4	82.2	82.7	82.8	82.8	82.8	82.9	82.9	83.0	83.0
GE 7000	72.2	75.8	78.7	80.1	81.3	81.7	82.1	82.9	83.3	83.4	83.4	83.4	83.6	83.6	83.7	83.7
GE 6000	73.0	76.6	79.4	81.2	82.4	82.8	83.2	84.0	84.4	84.6	84.6	84.6	84.7	84.7	84.8	84.8
GE 5000	73.7	77.3	80.2	82.0	83.2	83.6	84.0	84.8	85.2	85.3	85.3	85.3	85.6	85.6	85.7	85.7
GE 4500	74.4	78.1	81.0	82.8	84.0	84.3	84.8	85.6	86.0	86.1	86.1	86.1	86.3	86.3	86.4	86.4
GE 4000	75.4	79.6	82.6	84.3	85.7	86.0	86.4	87.3	87.8	87.9	87.9	87.9	88.1	88.1	88.2	88.2
GE 3500	76.6	80.7	83.7	85.4	86.8	87.1	87.6	88.4	88.9	89.0	89.0	89.0	89.2	89.2	89.3	89.3
GE 3000	76.7	81.0	84.0	85.9	87.2	87.6	88.0	88.9	89.3	89.4	89.4	89.4	89.7	89.7	89.8	89.8
GE 2500	77.2	81.6	84.6	86.6	87.9	88.2	88.8	89.7	90.1	90.2	90.2	90.2	90.4	90.4	90.6	90.6
GE 2000	77.9	82.3	85.3	87.4	88.9	89.2	89.8	90.7	91.1	91.3	91.3	91.3	91.6	91.6	91.7	91.7
GE 1800	78.7	82.4	85.4	87.6	89.0	89.3	89.9	90.8	91.2	91.4	91.4	91.4	91.7	91.7	91.8	91.8
GE 1500	78.6	83.3	86.3	88.8	90.2	90.6	91.1	92.1	92.8	93.0	93.0	93.0	93.2	93.2	93.3	93.3
GE 1200	78.9	83.7	86.8	89.2	90.7	91.0	91.6	92.6	93.2	93.4	93.4	93.4	93.7	93.7	93.8	93.8
GE 1000	79.3	84.3	87.6	90.0	91.7	92.0	92.7	93.7	94.3	94.6	94.6	94.6	94.8	94.8	94.9	94.9
GE 900	79.6	84.6	87.8	90.4	92.2	92.6	93.2	94.2	94.9	95.1	95.1	95.1	95.3	95.3	95.4	95.4
GE 800	79.6	84.6	87.8	90.6	92.4	92.8	93.4	94.4	95.1	95.3	95.3	95.3	95.6	95.6	95.7	95.7
GE 700	79.6	84.6	87.8	90.6	92.7	93.0	93.7	94.8	95.4	95.7	95.7	95.7	95.9	95.9	96.0	96.0
GE 600	79.6	84.6	87.9	90.7	92.8	93.1	93.8	94.9	95.6	95.8	95.8	95.8	96.0	96.0	96.1	96.1
GE 500	79.6	84.6	87.9	90.7	92.8	93.2	94.0	95.1	95.8	96.0	96.0	96.0	96.2	96.2	96.3	96.3
GE 400	79.6	84.7	88.0	90.9	93.1	93.9	95.0	96.1	96.8	97.3	97.4	97.4	97.7	97.7	97.8	97.9
GE 300	79.6	84.7	88.0	91.0	93.4	94.2	95.4	96.6	97.2	97.8	97.9	97.9	98.1	98.1	98.2	98.3
GE 200	79.6	84.7	88.0	91.1	94.0	94.8	96.1	97.2	97.9	98.4	98.6	98.6	99.1	99.1	99.2	99.3
GE 100	79.6	84.7	88.0	91.1	94.0	94.8	96.1	97.3	98.0	98.7	98.8	98.8	99.3	99.3	99.6	99.9
GE 000	79.6	84.7	88.0	91.1	94.0	94.8	96.1	97.3	98.0	98.7	98.8	98.8	99.3	99.3	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723535

STATION NAME: VANCE AFB OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: JUN HOURS: 09-11

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	56.7	57.7	57.7	57.7	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8
GE 20000	67.0	68.0	68.0	68.0	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2
GE 18000	67.3	68.3	68.3	68.3	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6
GE 16000	67.6	68.6	68.6	68.6	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8
GE 14000	68.7	69.7	69.7	69.7	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9
GE 12000	71.8	72.8	72.8	72.9	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1
GE 10000	75.8	76.8	76.8	76.9	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1
GE 9000	76.1	77.1	77.1	77.2	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
GE 8000	78.1	79.2	79.2	79.4	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7
GE 7000	78.4	79.6	79.7	79.9	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1
GE 6000	79.7	80.8	80.9	81.1	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
GE 5000	81.0	82.1	82.2	82.4	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7
GE 4500	81.4	82.6	82.7	82.9	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1
GE 4000	83.2	84.4	84.6	84.9	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1
GE 3500	84.7	85.9	86.0	86.3	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6
GE 3000	86.7	87.9	88.0	88.3	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
GE 2500	87.2	88.4	88.7	89.0	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
GE 2000	89.1	90.4	90.8	91.2	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
GE 1800	89.9	91.2	91.6	92.1	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
GE 1500	90.8	92.2	92.8	93.4	93.7	93.8	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
GE 1200	91.6	93.3	93.9	94.7	94.9	95.0	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
GE 1000	92.0	93.9	94.7	95.7	95.9	96.0	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
GE 900	92.3	94.4	95.8	96.9	97.2	97.3	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
GE 800	92.7	94.9	96.2	97.6	97.9	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
GE 700	93.0	95.2	96.7	98.0	98.3	98.4	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE 600	93.0	95.3	96.8	98.2	98.6	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 500	93.3	95.8	97.2	98.7	99.0	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 400	93.6	96.0	97.4	98.9	99.3	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 300	93.6	96.1	97.6	99.0	99.4	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 200	93.7	96.2	97.7	99.2	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 100	93.7	96.2	97.7	99.2	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	93.7	96.2	97.7	99.2	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723535

STATION NAME: VANCE AFB OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: JUN HOURS: 12-14

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	58.7	59.0	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2
GE 20000	70.4	70.9	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1
GE 18000	71.2	71.7	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9
GE 16000	71.4	71.9	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1
GE 14000	72.2	72.7	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9
GE 12000	75.2	75.7	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
GE 10000	78.0	78.4	78.7	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8
GE 9000	78.2	78.7	78.9	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0
GE 8000	79.3	79.9	80.1	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2
GE 7000	79.7	80.2	80.6	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9
GE 6000	80.8	81.3	81.7	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0
GE 5000	83.4	84.0	84.3	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8
GE 4500	83.9	84.4	84.8	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
GE 4000	86.6	87.1	87.4	87.9	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
GE 3500	88.6	89.1	89.4	89.9	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
GE 3000	91.7	92.6	93.0	93.6	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
GE 2500	92.6	93.4	94.1	94.7	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
GE 2000	93.8	94.9	95.7	96.2	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
GE 1800	94.2	95.7	96.4	97.0	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
GE 1500	94.6	96.0	96.8	97.3	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
GE 1200	95.1	96.7	97.7	98.2	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.6	98.6	98.6
GE 1000	95.4	97.0	98.0	98.7	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	99.0	99.0	99.0
GE 900	95.7	97.2	98.2	99.0	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.3	99.3	99.3
GE 800	95.7	97.2	98.2	99.0	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.3	99.3	99.3
GE 700	95.9	97.4	98.6	99.3	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.8	99.8	99.8
GE 600	95.9	97.4	98.6	99.3	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.8	99.8	99.8
GE 500	95.9	97.4	98.6	99.3	99.6	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0
GE 400	95.9	97.4	98.6	99.3	99.6	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0
GE 300	95.9	97.4	98.6	99.3	99.6	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0
GE 200	95.9	97.4	98.6	99.3	99.6	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0
GE 100	95.9	97.4	98.6	99.3	99.6	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0
GE 000	95.9	97.4	98.6	99.3	99.6	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723535

STATION NAME: VANCE AFB OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: JUN HOURS: 15-17

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	61.1	61.3	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7
GE 20000	73.2	73.4	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8
GE 18000	73.3	73.6	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9
GE 16000	73.4	73.7	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
GE 14000	74.6	74.8	75.3	75.3	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4
GE 12000	76.7	76.9	77.4	77.4	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6
GE 10000	79.6	79.8	80.3	80.3	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4
GE 9000	80.3	80.6	81.1	81.1	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2
GE 8000	83.2	83.4	84.1	84.2	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3
GE 7000	83.9	84.1	84.8	85.0	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1
GE 6000	84.2	84.4	85.1	85.3	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4
GE 5000	86.2	86.6	87.4	87.8	87.9	87.9	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1
GE 4500	86.9	87.2	88.1	88.4	88.6	88.6	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
GE 4000	89.9	90.4	91.6	91.9	92.1	92.1	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
GE 3500	91.1	91.8	93.1	93.4	93.8	93.8	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
GE 3000	93.2	94.4	95.9	96.3	96.7	96.7	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
GE 2500	93.6	94.8	96.2	96.7	97.0	97.0	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
GE 2000	94.0	95.2	96.7	97.1	97.4	97.4	97.7	97.7	97.7	98.0	98.0	98.0	98.0	98.0	98.0	98.0
GE 1800	94.2	95.4	96.9	97.3	97.7	97.7	97.9	97.9	97.9	98.2	98.2	98.2	98.2	98.2	98.2	98.2
GE 1500	94.6	95.8	97.2	97.7	98.0	98.0	98.2	98.3	98.3	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE 1200	94.7	95.9	97.3	98.0	98.4	98.4	98.7	98.8	98.8	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 1000	94.8	96.0	97.4	98.1	98.6	98.6	98.8	98.9	98.9	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 900	94.9	96.1	97.6	98.2	98.7	98.7	98.9	99.0	99.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 800	94.9	96.1	97.6	98.2	98.7	98.7	98.9	99.0	99.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 700	94.9	96.1	97.6	98.2	98.7	98.7	98.9	99.0	99.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 600	94.9	96.1	97.6	98.2	98.7	98.7	98.9	99.0	99.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 500	94.9	96.1	97.6	98.2	98.7	98.7	98.9	99.0	99.0	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 400	94.9	96.1	97.6	98.2	98.7	98.7	98.9	99.0	99.0	99.7	99.7	99.7	99.8	99.8	99.8	99.8
GE 300	94.9	96.1	97.6	98.2	98.7	98.7	98.9	99.0	99.0	99.8	99.9	99.9	100.0	100.0	100.0	100.0
GE 200	94.9	96.1	97.6	98.2	98.7	98.7	98.9	99.0	99.0	99.8	99.9	99.9	100.0	100.0	100.0	100.0
GE 100	94.9	96.1	97.6	98.2	98.7	98.7	98.9	99.0	99.0	99.8	99.9	99.9	100.0	100.0	100.0	100.0
GE 000	94.9	96.1	97.6	98.2	98.7	98.7	98.9	99.0	99.0	99.8	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722535

STATION NAME: VANCE AFB OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: JUN HOURS: 18-20

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	62.9	63.3	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6
GE 20000	76.9	77.4	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7
GE 18000	77.0	77.6	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8
GE 16000	77.3	77.9	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
GE 14000	78.2	78.9	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3
GE 12000	80.0	80.7	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2
GE 10000	83.4	84.2	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9
GE 9000	83.7	84.4	85.1	85.1	85.1	85.1	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
GE 8000	86.1	86.9	87.7	87.7	87.7	87.7	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
GE 7000	87.1	87.9	88.7	88.7	88.7	88.7	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
GE 6000	87.2	88.0	88.8	88.8	88.8	88.8	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
GE 5000	88.7	89.4	90.2	90.2	90.2	90.2	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
GE 4500	90.1	90.9	91.9	91.9	91.9	91.9	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
GE 4000	91.8	92.6	93.9	94.1	94.1	94.1	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
GE 3500	93.6	94.6	96.0	96.2	96.2	96.2	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
GE 3000	94.0	95.1	96.6	96.9	96.9	97.0	97.1	97.1	97.1	97.1	97.1	97.1	97.2	97.2	97.2	97.2
GE 2500	94.3	95.4	96.9	97.2	97.2	97.3	97.4	97.4	97.4	97.6	97.6	97.6	97.7	97.7	97.7	97.7
GE 2000	95.0	96.1	97.6	97.9	97.9	98.0	98.1	98.1	98.1	98.2	98.2	98.2	98.3	98.3	98.3	98.3
GE 1800	95.0	96.1	97.6	97.9	97.9	98.0	98.1	98.1	98.1	98.2	98.2	98.2	98.3	98.3	98.3	98.3
GE 1500	95.4	96.6	98.0	98.3	98.3	98.4	98.6	98.6	98.6	98.7	98.7	98.7	98.8	98.8	98.8	98.8
GE 1200	95.6	96.7	98.1	98.4	98.4	98.6	98.7	98.7	98.7	98.8	98.8	98.8	98.9	98.9	98.9	98.9
GE 1000	95.6	96.7	98.1	98.4	98.4	98.6	98.7	98.7	98.7	98.8	98.8	98.8	98.9	98.9	98.9	98.9
GE 900	95.6	96.7	98.1	98.4	98.4	98.6	98.7	98.7	98.7	98.8	98.8	98.8	98.9	98.9	98.9	98.9
GE 800	95.7	96.8	98.2	98.6	98.6	98.7	98.8	98.8	98.8	98.9	98.9	98.9	99.0	99.0	99.0	99.0
GE 700	95.9	97.0	98.4	98.8	98.8	98.9	99.0	99.1	99.1	99.2	99.2	99.2	99.3	99.3	99.3	99.3
GE 600	95.9	97.0	98.4	98.8	98.8	98.9	99.0	99.1	99.1	99.2	99.2	99.2	99.3	99.3	99.3	99.3
GE 500	95.9	97.0	98.4	98.8	98.8	98.9	99.0	99.1	99.1	99.2	99.2	99.2	99.3	99.3	99.3	99.3
GE 400	95.9	97.0	98.4	98.8	98.8	98.9	99.0	99.1	99.1	99.3	99.3	99.3	99.4	99.4	99.4	99.4
GE 300	95.9	97.0	98.4	98.8	98.9	99.0	99.1	99.2	99.3	99.7	99.9	99.9	100.0	100.0	100.0	100.0
GE 200	95.9	97.0	98.4	98.8	98.9	99.0	99.1	99.2	99.3	99.7	99.9	99.9	100.0	100.0	100.0	100.0
GE 100	95.9	97.0	98.4	98.8	98.9	99.0	99.1	99.2	99.3	99.7	99.9	99.9	100.0	100.0	100.0	100.0
GE 000	95.9	97.0	98.4	98.8	98.9	99.0	99.1	99.2	99.3	99.7	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723535

STATION NAME: VANCE AFB OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: JUN HOURS: 21-23

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	66.7	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3
GE 20000	78.9	79.9	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
GE 18000	78.9	79.9	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
GE 16000	79.0	80.0	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1
GE 14000	79.8	81.0	81.1	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2
GE 12000	80.8	82.1	82.3	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4
GE 10000	85.0	86.6	86.9	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0
GE 9000	85.0	86.6	86.9	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0
GE 8000	87.9	89.4	89.8	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
GE 7000	88.6	90.1	90.4	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
GE 6000	88.8	90.3	90.7	90.7	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
GE 5000	90.4	92.0	92.3	92.4	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
GE 4500	90.9	92.7	93.0	93.1	93.2	93.2	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
GE 4000	92.4	94.4	95.2	95.3	95.4	95.4	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
GE 3500	92.8	94.8	95.6	95.7	95.8	95.8	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
GE 3000	92.9	94.9	95.7	95.8	95.9	95.9	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
GE 2500	93.1	95.1	95.9	96.0	96.1	96.1	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
GE 2000	93.4	95.4	96.2	96.4	96.7	96.7	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
GE 1800	93.9	95.9	96.7	96.9	97.1	97.1	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
GE 1500	94.7	96.7	97.4	97.7	97.9	97.9	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
GE 1200	94.7	96.7	97.4	97.7	97.9	97.9	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
GE 1000	94.7	96.7	97.4	97.7	97.9	97.9	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
GE 900	94.7	96.7	97.4	97.7	97.9	97.9	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
GE 800	94.9	96.9	97.7	97.9	98.1	98.1	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
GE 700	95.2	97.2	98.0	98.2	98.4	98.4	98.6	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 600	95.2	97.2	98.0	98.2	98.4	98.4	98.6	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 500	95.2	97.2	98.0	98.2	98.4	98.4	98.6	98.7	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 400	95.6	97.6	98.3	98.7	99.1	99.1	99.2	99.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 300	95.6	97.6	98.3	98.7	99.4	99.4	99.6	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 200	95.6	97.6	98.3	98.7	99.4	99.4	99.6	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 100	95.6	97.6	98.3	98.7	99.4	99.4	99.6	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 000	95.6	97.6	98.3	98.7	99.4	99.4	99.6	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723535

STATION NAME: VANCE AFB OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: JUN HOURS: ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	60.1	61.1	61.8	62.1	62.2	62.3	62.3	62.4	62.4	62.5	62.5	62.5	62.5	62.5	62.5	62.5
GE 20000	71.3	72.5	73.3	73.7	73.9	73.9	74.0	74.0	74.1	74.1	74.1	74.1	74.1	74.1	74.2	74.2
GE 18000	71.5	72.7	73.5	73.8	74.1	74.1	74.2	74.2	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3
GE 16000	71.6	72.8	73.6	74.0	74.2	74.3	74.3	74.4	74.4	74.5	74.5	74.5	74.5	74.5	74.5	74.5
GE 14000	72.5	73.7	74.6	75.0	75.2	75.3	75.3	75.4	75.4	75.5	75.5	75.5	75.5	75.5	75.5	75.5
GE 12000	74.3	75.6	76.5	76.9	77.2	77.2	77.3	77.4	77.4	77.5	77.5	77.5	77.5	77.5	77.5	77.5
GE 10000	78.1	79.5	80.5	80.9	81.2	81.3	81.3	81.4	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5
GE 9000	78.5	79.8	80.9	81.3	81.6	81.6	81.7	81.8	81.8	81.9	81.9	81.9	81.9	81.9	81.9	81.9
GE 8000	80.9	82.3	83.4	83.9	84.2	84.3	84.4	84.5	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6
GE 7000	81.5	82.9	84.0	84.5	84.8	84.9	85.0	85.1	85.2	85.2	85.2	85.2	85.2	85.3	85.3	85.3
GE 6000	82.0	83.4	84.6	85.1	85.5	85.5	85.6	85.7	85.8	85.8	85.8	85.8	85.8	85.9	85.9	85.9
GE 5000	83.5	85.0	86.1	86.7	87.1	87.1	87.3	87.4	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5
GE 4500	84.2	85.7	86.8	87.4	87.8	87.9	88.0	88.2	88.2	88.3	88.3	88.3	88.3	88.3	88.3	88.3
GE 4000	86.1	87.9	89.2	89.9	90.3	90.4	90.6	90.7	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
GE 3500	87.3	89.1	90.4	91.1	91.6	91.7	91.8	92.0	92.0	92.1	92.1	92.1	92.1	92.1	92.1	92.1
GE 3000	88.6	90.5	92.0	92.7	93.2	93.3	93.4	93.6	93.6	93.7	93.7	93.7	93.7	93.7	93.7	93.7
GE 2500	89.1	91.0	92.5	93.3	93.8	93.9	94.1	94.2	94.3	94.3	94.3	94.3	94.3	94.4	94.4	94.4
GE 2000	89.8	91.9	93.4	94.3	94.8	94.9	95.1	95.2	95.3	95.4	95.4	95.4	95.4	95.4	95.4	95.4
GE 1800	90.1	92.2	93.7	94.6	95.1	95.2	95.4	95.5	95.6	95.7	95.7	95.7	95.7	95.7	95.8	95.8
GE 1500	90.7	92.9	94.4	95.4	96.0	96.1	96.3	96.4	96.5	96.6	96.7	96.7	96.7	96.7	96.7	96.7
GE 1200	91.0	93.2	94.8	95.8	96.4	96.4	96.7	96.8	96.9	97.0	97.0	97.0	97.1	97.1	97.1	97.1
GE 1000	91.2	93.4	95.1	96.1	96.7	96.8	97.0	97.2	97.3	97.4	97.4	97.4	97.5	97.5	97.5	97.5
GE 900	91.3	93.6	95.3	96.4	97.1	97.1	97.4	97.5	97.6	97.7	97.8	97.8	97.8	97.8	97.8	97.8
GE 800	91.4	93.7	95.4	96.6	97.2	97.3	97.5	97.7	97.8	97.9	97.9	97.9	98.0	98.0	98.0	98.0
GE 700	91.6	93.9	95.6	96.8	97.5	97.6	97.8	98.0	98.1	98.3	98.3	98.3	98.3	98.3	98.3	98.3
GE 600	91.6	93.9	95.7	96.9	97.6	97.8	98.0	98.2	98.3	98.4	98.5	98.5	98.5	98.5	98.5	98.5
GE 500	91.7	94.0	95.8	97.0	97.8	97.9	98.2	98.4	98.5	98.7	98.7	98.7	98.7	98.8	98.8	98.8
GE 400	91.8	94.1	95.9	97.2	98.0	98.2	98.5	98.7	98.9	99.1	99.1	99.1	99.2	99.2	99.2	99.2
GE 300	91.8	94.2	96.0	97.3	98.2	98.4	98.7	98.9	99.1	99.3	99.4	99.4	99.5	99.5	99.5	99.5
GE 200	91.8	94.2	96.0	97.4	98.3	98.6	98.9	99.1	99.3	99.5	99.6	99.6	99.7	99.8	99.8	99.8
GE 100	91.8	94.2	96.0	97.4	98.4	98.6	98.9	99.2	99.3	99.6	99.7	99.7	99.8	99.9	99.9	99.9
GE 000	91.8	94.2	96.0	97.4	98.4	98.6	98.9	99.2	99.3	99.6	99.7	99.7	99.8	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 7200

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723535

STATION NAME: VANCE AFB OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: JUL HOURS: 00-02

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	75.7	77.5	78.5	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6
GE 20000	82.6	84.5	85.6	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
GE 18000	82.6	84.5	85.6	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
GE 16000	82.7	84.6	85.7	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9
GE 14000	83.5	85.5	86.6	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8
GE 12000	84.6	86.6	87.6	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
GE 10000	88.3	90.2	91.3	91.5	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
GE 9000	88.4	90.3	91.4	91.6	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
GE 8000	89.5	91.4	92.5	92.7	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
GE 7000	90.0	91.9	93.0	93.2	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
GE 6000	90.3	92.3	93.4	93.7	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
GE 5000	91.2	93.2	94.4	94.6	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
GE 4500	91.6	93.7	94.8	95.1	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
GE 4000	93.9	96.0	97.3	97.6	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
GE 3500	94.0	96.1	97.4	97.7	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
GE 3000	94.6	96.8	98.2	98.5	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE 2500	94.6	96.8	98.4	98.7	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 2000	94.6	96.8	98.6	99.0	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 1800	94.8	97.0	98.8	99.2	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 1500	94.8	97.0	98.8	99.2	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 1200	94.9	97.1	98.9	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 1000	95.1	97.2	99.0	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 900	95.1	97.2	99.0	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 800	95.1	97.2	99.0	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 700	95.2	97.3	99.1	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 600	95.2	97.3	99.1	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 500	95.2	97.3	99.1	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9
GE 400	95.2	97.3	99.1	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0
GE 300	95.2	97.3	99.1	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0
GE 200	95.2	97.3	99.1	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0
GE 100	95.2	97.3	99.1	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0
GE 000	95.2	97.3	99.1	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723535

STATION NAME: VANCE AFB OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: JUL HOURS: 03-05

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	70.3	72.3	74.2	74.8	74.9	74.9	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1
GE 20000	77.5	79.7	81.8	82.5	82.6	82.6	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7
GE 18000	77.6	79.8	81.9	82.6	82.7	82.7	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
GE 16000	77.6	79.8	81.9	82.6	82.7	82.7	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
GE 14000	78.0	80.1	82.3	82.9	83.0	83.0	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1
GE 12000	78.4	80.5	82.7	83.3	83.4	83.4	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5
GE 10000	81.3	83.4	85.7	86.3	86.5	86.5	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6
GE 9000	81.8	84.0	86.2	86.9	87.0	87.0	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
GE 8000	84.5	86.7	89.0	89.7	89.8	89.8	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
GE 7000	84.9	87.1	89.5	90.1	90.2	90.2	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
GE 6000	85.4	87.5	89.9	90.5	90.6	90.6	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
GE 5000	86.8	89.2	91.6	92.4	92.5	92.5	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
GE 4500	87.4	89.9	92.3	93.0	93.1	93.1	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
GE 4000	90.3	92.8	95.4	96.2	96.3	96.3	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
GE 3500	90.6	93.1	95.7	96.6	96.8	96.8	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
GE 3000	91.1	93.5	96.2	97.1	97.3	97.3	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
GE 2500	91.2	93.7	96.3	97.2	97.4	97.4	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
GE 2000	91.5	94.0	96.7	97.5	97.7	97.7	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
GE 1500	91.5	94.0	96.7	97.5	97.7	97.7	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
GE 1000	92.2	94.6	97.3	98.2	98.4	98.4	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE 800	92.7	95.2	97.8	98.7	98.9	98.9	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 700	92.7	95.2	97.8	98.7	98.9	98.9	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 600	92.7	95.2	97.8	98.7	98.9	98.9	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 500	92.9	95.5	98.2	99.0	99.2	99.2	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 400	92.9	95.5	98.2	99.0	99.2	99.2	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 300	93.2	95.8	98.7	99.6	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	93.2	95.8	98.7	99.6	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	93.2	95.8	98.7	99.6	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	93.2	95.8	98.7	99.6	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723535

STATION NAME: VANCE AFB OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: JUL HOURS: 06-08

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	61.4	64.7	67.0	68.1	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.9	69.0	69.2	69.2
GE 20000	68.4	71.9	74.3	75.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.7	76.8	77.0	77.0
GE 18000	68.4	71.9	74.3	75.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.7	76.8	77.0	77.0
GE 16000	68.4	71.9	74.3	75.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.7	76.8	77.0	77.0
GE 14000	69.2	72.8	75.2	76.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.5	77.6	77.8	77.8
GE 12000	71.7	75.4	77.7	78.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	80.1	80.2	80.4	80.4
GE 10000	76.3	80.3	83.0	84.4	85.5	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.8	85.9	86.1	86.1
GE 9000	76.8	80.8	83.4	84.8	85.9	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.2	86.3	86.6	86.6
GE 8000	79.6	83.5	86.2	87.6	88.7	88.8	88.8	88.8	88.8	88.8	88.8	88.8	89.0	89.1	89.4	89.4
GE 7000	79.9	84.0	86.7	88.1	89.1	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.5	89.6	89.8	89.8
GE 6000	80.8	84.8	87.7	89.1	90.2	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.5	90.6	90.9	90.9
GE 5000	82.0	86.1	89.1	90.6	91.7	91.8	91.9	91.9	91.9	91.9	91.9	91.9	92.2	92.3	92.5	92.5
GE 4500	82.4	86.5	89.6	91.1	92.2	92.3	92.4	92.4	92.4	92.4	92.4	92.4	92.6	92.7	92.9	92.9
GE 4000	84.7	89.1	92.4	94.1	95.2	95.3	95.4	95.4	95.5	95.5	95.5	95.5	95.7	95.8	96.0	96.0
GE 3500	84.8	89.2	92.5	94.2	95.3	95.4	95.5	95.5	95.6	95.6	95.6	95.6	95.8	95.9	96.1	96.1
GE 3000	84.9	89.4	92.6	94.4	95.5	95.7	95.8	95.8	95.9	95.9	95.9	95.9	96.1	96.2	96.5	96.5
GE 2500	85.3	89.7	92.9	94.7	95.8	96.0	96.1	96.1	96.2	96.2	96.2	96.2	96.5	96.6	96.8	96.8
GE 2000	85.4	89.8	93.1	94.9	96.0	96.2	96.3	96.3	96.5	96.5	96.5	96.5	96.7	96.8	97.0	97.0
GE 1800	85.4	89.8	93.1	94.9	96.0	96.2	96.3	96.3	96.5	96.5	96.5	96.5	96.7	96.8	97.0	97.0
GE 1500	85.8	90.4	93.8	95.7	96.8	97.0	97.1	97.1	97.2	97.3	97.3	97.3	97.5	97.6	97.8	97.8
GE 1200	86.6	91.3	94.6	96.6	97.6	97.8	98.0	98.0	98.1	98.2	98.2	98.2	98.4	98.5	98.7	98.7
GE 1000	86.6	91.3	94.6	96.6	97.6	97.8	98.0	98.0	98.1	98.2	98.2	98.2	98.4	98.5	98.7	98.7
GE 900	86.9	91.6	95.1	97.0	98.1	98.3	98.4	98.4	98.5	98.6	98.6	98.6	98.8	98.9	99.1	99.1
GE 800	87.2	91.9	95.4	97.3	98.4	98.6	98.7	98.7	98.8	98.9	98.9	98.9	99.1	99.2	99.5	99.5
GE 700	87.4	92.2	95.6	97.5	98.6	98.8	98.9	98.9	99.0	99.1	99.1	99.1	99.4	99.5	99.7	99.7
GE 600	87.4	92.2	95.6	97.5	98.6	98.8	98.9	98.9	99.0	99.1	99.1	99.1	99.4	99.5	99.7	99.7
GE 500	87.4	92.2	95.7	97.6	98.7	98.9	99.0	99.0	99.1	99.2	99.2	99.2	99.5	99.6	99.8	99.8
GE 400	87.5	92.3	95.8	97.7	98.8	99.0	99.1	99.1	99.2	99.4	99.4	99.4	99.6	99.7	99.9	99.9
GE 300	87.5	92.3	95.8	97.7	98.8	99.0	99.1	99.1	99.2	99.4	99.5	99.5	99.7	99.8	100.0	100.0
GE 200	87.5	92.3	95.8	97.7	98.8	99.0	99.2	99.2	99.4	99.5	99.5	99.5	99.7	99.8	100.0	100.0
GE 100	87.5	92.3	95.8	97.7	98.8	99.0	99.2	99.2	99.4	99.5	99.5	99.5	99.7	99.8	100.0	100.0
GE 000	87.5	92.3	95.8	97.7	98.8	99.0	99.2	99.2	99.4	99.5	99.5	99.5	99.7	99.8	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723535

STATION NAME: VANCE AFB OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: JUL HOURS: 09-11

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	69.4	70.3	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6
GE 20000	77.1	78.1	78.5	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
GE 18000	77.2	78.2	78.6	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8
GE 16000	77.2	78.2	78.6	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8
GE 14000	78.2	79.1	79.6	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8
GE 12000	80.6	81.6	82.0	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3
GE 10000	84.6	86.0	86.6	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8
GE 9000	84.6	86.0	86.6	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8
GE 8000	86.1	87.5	88.1	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
GE 7000	86.5	87.8	88.4	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
GE 6000	86.7	88.1	88.6	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
GE 5000	87.3	88.8	89.4	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6
GE 4500	88.2	89.8	90.4	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
GE 4000	89.0	90.8	91.4	91.6	91.6	91.6	91.6	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.8	91.8
GE 3500	90.3	92.0	92.7	92.9	92.9	92.9	93.0	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.2	93.2
GE 3000	90.9	92.6	93.2	93.4	93.5	93.5	93.7	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.9	93.9
GE 2500	91.9	93.7	94.3	94.5	94.6	94.6	94.7	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.9	94.9
GE 2000	93.1	95.2	95.8	96.0	96.1	96.1	96.2	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.5	96.5
GE 1800	93.3	95.5	96.1	96.3	96.5	96.5	96.6	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.8	96.8
GE 1500	94.3	96.6	97.2	97.4	97.5	97.5	97.6	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.8	97.8
GE 1200	94.6	97.0	97.6	97.8	98.0	98.0	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.3	98.3
GE 1000	94.6	97.0	97.6	97.8	98.0	98.0	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.3	98.3
GE 900	95.3	97.6	98.3	98.5	98.6	98.6	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.9	98.9
GE 800	95.5	97.8	98.5	98.7	98.8	98.8	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.1	99.1
GE 700	95.7	98.3	98.9	99.1	99.2	99.2	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.6	99.6
GE 600	95.8	98.5	99.1	99.4	99.5	99.5	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.8	99.8
GE 500	95.8	98.5	99.2	99.5	99.6	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9
GE 400	95.8	98.5	99.2	99.5	99.6	99.6	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0
GE 300	95.8	98.5	99.2	99.5	99.6	99.6	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0
GE 200	95.8	98.5	99.2	99.5	99.6	99.6	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0
GE 100	95.8	98.5	99.2	99.5	99.6	99.6	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0
GE 000	95.8	98.5	99.2	99.5	99.6	99.6	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723535

STATION NAME: VANCE AFB OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: JUL HOURS: 12-14

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	67.8	68.4	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7
GE 20000	77.7	78.3	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6
GE 18000	78.1	78.6	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0
GE 16000	78.1	78.6	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0
GE 14000	78.7	79.2	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7
GE 12000	80.6	81.2	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6
GE 10000	84.1	85.2	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6
GE 9000	84.1	85.2	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6
GE 8000	85.5	86.6	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0
GE 7000	85.7	86.8	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
GE 6000	86.3	87.4	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
GE 5000	88.8	89.9	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
GE 4500	90.2	91.5	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
GE 4000	92.2	93.4	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
GE 3500	93.9	95.2	95.6	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
GE 3000	94.9	96.2	96.7	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
GE 2500	96.1	97.4	97.8	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
GE 2000	96.7	98.1	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE 1800	97.0	98.5	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 1500	97.7	99.2	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 1200	98.0	99.5	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1000	98.0	99.5	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 900	98.0	99.5	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 800	98.0	99.5	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 700	98.0	99.5	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 600	98.0	99.5	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	98.0	99.5	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	98.0	99.5	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	98.0	99.5	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	98.0	99.5	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	98.0	99.5	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	98.0	99.5	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723535

STATION NAME: VANCE AFB OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: JUL HOURS: 15-17

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	69.1	69.9	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4
GE 20000	78.2	79.0	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6
GE 18000	78.5	79.4	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9
GE 16000	78.5	79.4	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9
GE 14000	79.5	80.3	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9
GE 12000	81.7	82.6	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1
GE 10000	85.8	87.4	88.0	88.1	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
GE 9000	86.1	87.7	88.3	88.4	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5
GE 8000	87.5	89.2	89.8	89.9	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
GE 7000	87.7	89.5	90.0	90.1	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
GE 6000	88.8	90.8	91.3	91.4	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
GE 5000	90.6	92.6	93.1	93.2	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
GE 4500	91.8	93.8	94.3	94.5	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
GE 4000	93.8	95.8	96.5	96.7	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
GE 3500	94.7	96.8	97.4	97.6	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
GE 3000	95.6	97.6	98.3	98.5	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE 2500	96.0	98.1	98.7	98.9	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 2000	96.5	98.5	99.1	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 1800	96.6	98.6	99.2	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 1500	96.7	98.7	99.4	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 1200	96.9	98.9	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1000	96.9	98.9	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 900	96.9	98.9	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 800	96.9	98.9	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 700	96.9	98.9	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 600	96.9	98.9	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	96.9	98.9	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	96.9	98.9	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	96.9	98.9	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	96.9	98.9	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	96.9	98.9	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	96.9	98.9	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723535

STATION NAME: VANCE AFB OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: JUL HOURS: 18-20

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	76.0	77.8	78.6	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
GE 20000	84.6	86.5	87.3	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
GE 18000	84.6	86.5	87.3	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
GE 16000	84.6	86.5	87.3	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
GE 14000	85.2	87.0	87.8	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
GE 12000	87.2	89.0	89.9	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
GE 10000	89.9	92.0	92.9	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
GE 9000	90.2	92.4	93.2	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
GE 8000	91.2	93.5	94.5	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
GE 7000	91.6	94.0	94.9	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
GE 6000	91.8	94.3	95.3	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
GE 5000	92.6	95.1	96.0	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
GE 4500	93.5	96.0	97.0	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.2	97.2	97.2	97.2
GE 4000	94.8	97.4	98.5	98.6	98.6	98.6	98.6	98.7	98.7	98.7	98.7	98.7	98.8	98.8	98.8	98.8
GE 3500	95.3	97.8	98.9	99.0	99.0	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.2	99.2	99.2	99.2
GE 3000	95.4	98.0	99.0	99.1	99.1	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.4	99.4	99.4	99.4
GE 2500	95.4	98.0	99.0	99.1	99.1	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.4	99.4	99.4	99.4
GE 2000	95.5	98.1	99.1	99.2	99.2	99.2	99.2	99.4	99.4	99.4	99.4	99.4	99.5	99.5	99.5	99.5
GE 1800	95.5	98.1	99.1	99.2	99.2	99.2	99.2	99.4	99.4	99.4	99.4	99.4	99.5	99.5	99.5	99.5
GE 1500	95.6	98.3	99.4	99.5	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.7
GE 1200	95.8	98.5	99.6	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9
GE 1000	95.8	98.5	99.6	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9
GE 900	95.8	98.5	99.6	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9
GE 800	95.9	98.6	99.7	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE 700	95.9	98.6	99.7	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE 600	95.9	98.6	99.7	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE 500	95.9	98.6	99.7	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE 400	95.9	98.6	99.7	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE 300	95.9	98.6	99.7	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE 200	95.9	98.6	99.7	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE 100	95.9	98.6	99.7	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE 000	95.9	98.6	99.7	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723535

STATION NAME: VANCE AFB OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: JUL HOURS: 21-23

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	79.5	81.7	81.8	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2
GE 20000	87.0	89.2	89.4	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
GE 18000	87.0	89.2	89.4	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
GE 16000	87.0	89.2	89.4	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
GE 14000	88.1	90.3	90.4	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
GE 12000	89.4	91.6	91.7	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
GE 10000	91.6	94.0	94.1	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
GE 9000	91.7	94.1	94.2	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
GE 8000	92.4	94.7	94.8	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
GE 7000	92.8	95.2	95.3	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
GE 6000	93.0	95.4	95.5	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
GE 5000	93.8	96.1	96.2	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
GE 4500	94.4	96.8	96.9	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
GE 4000	95.8	98.2	98.3	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE 3500	96.1	98.5	98.6	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 3000	96.3	98.9	99.1	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 2500	96.3	98.9	99.1	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 2000	96.5	99.0	99.4	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 1800	96.5	99.0	99.4	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 1500	96.5	99.0	99.5	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1200	96.5	99.0	99.5	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1000	96.5	99.0	99.5	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 900	96.5	99.0	99.5	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 800	96.5	99.0	99.5	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 700	96.5	99.0	99.5	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 600	96.5	99.0	99.5	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	96.5	99.0	99.5	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	96.5	99.0	99.5	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	96.5	99.0	99.5	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	96.5	99.0	99.5	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	96.5	99.0	99.5	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	96.5	99.0	99.5	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723535

STATION NAME: VANCE AFB OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: JUL HOURS: ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	71.2	72.8	73.7	74.0	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.2	74.2	74.2
GE 20000	79.1	80.9	81.9	82.2	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4
GE 18000	79.2	81.0	82.0	82.3	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.6	82.6
GE 16000	79.3	81.0	82.0	82.4	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.6	82.6
GE 14000	80.0	81.8	82.8	83.1	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
GE 12000	81.8	83.6	84.6	84.9	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.1	85.1	85.1	85.1
GE 10000	85.2	87.3	88.4	88.8	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
GE 9000	85.5	87.6	88.6	89.0	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.3	89.3
GE 8000	87.0	89.2	90.2	90.6	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.9	90.9	90.9	90.9
GE 7000	87.4	89.5	90.6	91.0	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.3	91.3	91.3
GE 6000	87.9	90.1	91.2	91.6	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.9	91.9
GE 5000	89.1	91.4	92.5	92.9	93.1	93.1	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
GE 4500	89.9	92.2	93.4	93.8	94.0	94.0	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
GE 4000	91.8	94.2	95.4	95.9	96.1	96.1	96.2	96.2	96.2	96.2	96.2	96.2	96.3	96.3	96.3	96.3
GE 3500	92.5	94.9	96.1	96.6	96.8	96.8	96.9	96.9	96.9	96.9	96.9	96.9	96.9	97.0	97.0	97.0
GE 3000	93.0	95.4	96.7	97.2	97.4	97.4	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.6	97.6	97.6
GE 2500	93.4	95.8	97.1	97.6	97.8	97.8	97.9	97.9	97.9	97.9	97.9	97.9	98.0	98.0	98.0	98.0
GE 2000	93.7	96.2	97.5	98.1	98.3	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.5	98.5	98.5	98.5
GE 1800	93.8	96.3	97.7	98.2	98.4	98.5	98.5	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.7	98.7
GE 1500	94.2	96.7	98.1	98.6	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.1	99.1	99.1	99.1
GE 1200	94.5	97.1	98.4	99.0	99.2	99.2	99.3	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 1000	94.5	97.1	98.5	99.0	99.2	99.3	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.5	99.5
GE 900	94.6	97.2	98.6	99.1	99.4	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.6	99.6	99.6
GE 800	94.7	97.3	98.7	99.2	99.4	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.7	99.7
GE 700	94.8	97.4	98.8	99.3	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.8	99.8	99.8
GE 600	94.8	97.4	98.8	99.4	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.8	99.8	99.8
GE 500	94.9	97.5	98.9	99.4	99.7	99.7	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9
GE 400	94.9	97.5	98.9	99.5	99.7	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0
GE 300	94.9	97.5	98.9	99.5	99.7	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0
GE 200	94.9	97.5	98.9	99.5	99.7	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0
GE 100	94.9	97.5	98.9	99.5	99.7	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0
GE 000	94.9	97.5	98.9	99.5	99.7	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 7440

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723535

STATION NAME: VANCE AFB OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: AUG HOURS: 00-02

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	72.9	73.5	73.8	74.2	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3
GE 20000	82.0	82.7	83.0	83.4	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5
GE 18000	82.2	82.8	83.1	83.5	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7
GE 16000	82.2	82.8	83.1	83.5	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7
GE 14000	82.6	83.2	83.5	84.0	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1
GE 12000	83.2	83.9	84.2	84.6	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
GE 10000	88.0	88.6	88.9	89.4	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6
GE 9000	88.0	88.6	88.9	89.4	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6
GE 8000	89.6	90.2	90.6	91.1	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
GE 7000	89.6	90.2	90.6	91.1	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
GE 6000	90.4	91.1	91.5	91.9	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
GE 5000	92.0	92.7	93.1	93.7	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
GE 4500	93.0	93.7	94.1	94.6	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
GE 4000	95.1	95.9	96.3	96.9	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
GE 3500	95.5	96.3	96.8	97.3	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
GE 3000	95.6	96.5	97.0	97.5	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
GE 2500	95.7	96.6	97.1	97.6	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
GE 2000	95.7	96.6	97.2	97.7	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
GE 1800	95.7	96.7	97.3	97.8	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
GE 1500	95.8	97.0	97.7	98.3	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
GE 1200	95.8	97.0	97.7	98.3	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
GE 1000	96.0	97.3	98.1	98.6	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 900	96.0	97.3	98.1	98.8	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 800	96.0	97.3	98.1	98.8	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 700	96.3	97.6	98.4	99.2	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 600	96.3	97.6	98.4	99.2	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 500	96.3	97.6	98.4	99.2	99.6	99.6	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	96.3	97.6	98.4	99.2	99.6	99.6	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	96.3	97.6	98.4	99.2	99.6	99.6	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	96.3	97.6	98.4	99.2	99.6	99.6	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	96.3	97.6	98.4	99.2	99.6	99.6	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	96.3	97.6	98.4	99.2	99.6	99.6	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723535

STATION NAME: VANCE AFB OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: AUG HOURS: 03-05

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	67.8	70.1	70.9	71.4	71.6	71.8	72.3	72.3	72.3	72.4	72.4	72.4	72.4	72.4	72.4	72.4
GE 20000	74.3	76.7	77.5	78.1	78.4	78.6	79.0	79.0	79.0	79.1	79.1	79.1	79.1	79.1	79.1	79.1
GE 18000	74.4	76.8	77.6	78.2	78.5	78.7	79.1	79.1	79.1	79.2	79.2	79.2	79.2	79.2	79.2	79.2
GE 16000	74.4	76.8	77.6	78.2	78.5	78.7	79.1	79.1	79.1	79.2	79.2	79.2	79.2	79.2	79.2	79.2
GE 14000	74.7	77.1	78.0	78.5	78.8	79.0	79.5	79.5	79.5	79.6	79.6	79.6	79.6	79.6	79.6	79.6
GE 12000	76.5	78.8	79.8	80.3	80.6	80.9	81.3	81.3	81.3	81.4	81.4	81.4	81.4	81.4	81.4	81.4
GE 10000	81.0	83.3	84.4	85.2	85.5	85.7	86.1	86.1	86.1	86.2	86.2	86.2	86.2	86.2	86.2	86.2
GE 9000	81.3	83.7	84.7	85.5	85.8	86.0	86.5	86.5	86.5	86.6	86.6	86.6	86.6	86.6	86.6	86.6
GE 8000	83.7	86.0	87.1	87.8	88.2	88.4	88.8	88.8	88.8	88.9	88.9	88.9	88.9	88.9	88.9	88.9
GE 7000	83.9	86.2	87.3	88.1	88.4	88.6	89.0	89.0	89.0	89.1	89.1	89.1	89.1	89.1	89.1	89.1
GE 6000	84.8	87.2	88.3	89.0	89.4	89.6	90.0	90.0	90.0	90.1	90.1	90.1	90.1	90.1	90.1	90.1
GE 5000	86.5	88.8	90.1	90.9	91.2	91.4	91.8	91.8	91.8	91.9	91.9	91.9	91.9	91.9	91.9	91.9
GE 4500	87.5	89.9	91.2	91.9	92.3	92.5	92.9	92.9	92.9	93.0	93.0	93.0	93.0	93.0	93.0	93.0
GE 4000	90.2	92.7	94.1	94.8	95.2	95.4	95.8	95.8	95.8	95.9	95.9	95.9	95.9	95.9	95.9	95.9
GE 3500	90.2	92.7	94.1	94.8	95.2	95.4	95.8	95.8	95.8	95.9	95.9	95.9	95.9	95.9	95.9	95.9
GE 3000	90.5	93.1	94.5	95.3	95.6	95.8	96.2	96.2	96.2	96.3	96.3	96.3	96.3	96.3	96.3	96.3
GE 2500	90.5	93.1	94.6	95.4	95.7	95.9	96.3	96.3	96.3	96.5	96.5	96.5	96.5	96.5	96.5	96.5
GE 2000	90.5	93.1	94.6	95.4	95.7	95.9	96.5	96.5	96.5	96.6	96.6	96.6	96.6	96.6	96.6	96.6
GE 1800	90.5	93.1	94.6	95.4	95.7	95.9	96.5	96.5	96.5	96.6	96.6	96.6	96.6	96.6	96.6	96.6
GE 1500	90.8	93.3	94.8	95.6	96.1	96.3	97.1	97.1	97.1	97.2	97.2	97.2	97.2	97.2	97.2	97.2
GE 1200	90.8	93.3	94.8	95.6	96.1	96.3	97.1	97.1	97.1	97.2	97.2	97.2	97.2	97.2	97.2	97.2
GE 1000	91.2	93.8	95.3	96.0	96.6	96.8	97.5	97.5	97.5	97.6	97.6	97.6	97.6	97.6	97.6	97.6
GE 900	91.3	93.9	95.4	96.1	96.7	96.9	97.6	97.6	97.6	97.7	97.7	97.7	97.7	97.7	97.7	97.7
GE 800	91.3	93.9	95.4	96.2	96.9	97.1	97.8	97.8	97.8	98.0	98.0	98.0	98.0	98.0	98.0	98.0
GE 700	91.3	93.9	95.4	96.5	97.1	97.3	98.1	98.1	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2
GE 600	91.6	94.2	95.8	96.9	97.5	97.7	98.5	98.5	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE 500	91.6	94.2	95.9	97.0	97.7	98.0	98.7	98.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 400	91.8	94.5	96.2	97.4	98.2	98.4	99.1	99.2	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 300	91.9	94.6	96.3	97.5	98.3	98.5	99.2	99.4	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 200	92.0	94.7	96.5	97.6	98.4	98.6	99.5	99.6	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	92.0	94.7	96.5	97.6	98.4	98.6	99.5	99.6	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	92.0	94.7	96.5	97.6	98.4	98.6	99.5	99.6	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723535

STATION NAME: VANCE AFB OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: AUG HOURS: 06-08

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	56.9	61.4	63.5	64.8	66.2	66.2	66.5	66.9	67.1	67.3	67.3	67.3	67.3	67.3	67.3	67.3
GE 20000	62.0	66.7	69.2	70.8	72.2	72.2	72.4	72.8	73.0	73.2	73.2	73.2	73.2	73.2	73.2	73.2
GE 18000	62.4	67.0	69.6	71.1	72.5	72.5	72.7	73.1	73.3	73.5	73.5	73.5	73.5	73.5	73.5	73.5
GE 16000	62.4	67.0	69.6	71.1	72.5	72.5	72.7	73.1	73.3	73.5	73.5	73.5	73.5	73.5	73.5	73.5
GE 14000	63.4	68.2	70.9	72.4	73.8	73.8	74.0	74.4	74.6	74.8	74.8	74.8	74.8	74.8	74.8	74.8
GE 12000	65.4	70.2	73.0	74.8	76.2	76.2	76.5	76.9	77.1	77.3	77.3	77.3	77.3	77.3	77.3	77.3
GE 10000	70.3	75.5	78.4	80.6	82.0	82.0	82.3	82.7	82.9	83.1	83.1	83.1	83.1	83.1	83.1	83.1
GE 9000	70.8	75.9	78.8	81.1	82.5	82.5	82.7	83.1	83.3	83.5	83.5	83.5	83.5	83.5	83.5	83.5
GE 8000	74.0	79.2	82.6	84.9	86.3	86.3	86.8	87.2	87.4	87.6	87.6	87.6	87.6	87.6	87.6	87.6
GE 7000	74.3	79.6	82.9	85.4	86.8	86.8	87.2	87.6	87.8	88.1	88.1	88.1	88.1	88.1	88.1	88.1
GE 6000	75.2	80.4	83.8	86.3	87.7	87.7	88.2	88.6	88.8	89.0	89.0	89.0	89.0	89.0	89.0	89.0
GE 5000	76.7	81.9	85.4	88.0	89.6	89.6	90.0	90.5	90.8	91.0	91.0	91.0	91.0	91.0	91.0	91.0
GE 4500	77.1	82.4	85.8	88.4	90.0	90.0	90.4	91.0	91.2	91.4	91.4	91.4	91.4	91.4	91.4	91.4
GE 4000	78.3	83.7	87.1	90.0	91.6	91.6	92.0	92.6	92.8	93.0	93.0	93.0	93.0	93.0	93.0	93.0
GE 3500	78.4	83.9	87.3	90.2	91.8	91.8	92.3	92.8	93.0	93.2	93.2	93.2	93.2	93.2	93.2	93.2
GE 3000	78.4	84.0	87.4	90.3	92.0	92.0	92.5	93.0	93.2	93.4	93.4	93.4	93.4	93.4	93.5	93.7
GE 2500	78.6	84.2	87.7	90.6	92.4	92.4	92.8	93.4	93.7	93.9	93.9	93.9	93.9	93.9	94.0	94.1
GE 2000	78.7	84.3	87.8	90.8	92.5	92.5	92.9	93.7	94.0	94.2	94.2	94.2	94.2	94.2	94.3	94.4
GE 1800	78.7	84.3	87.8	90.8	92.5	92.5	92.9	93.7	94.0	94.2	94.2	94.2	94.2	94.2	94.3	94.4
GE 1500	79.0	84.8	88.4	91.3	93.1	93.1	93.5	94.3	94.6	94.8	94.8	94.8	94.8	94.8	94.9	95.1
GE 1200	79.1	84.9	88.5	91.4	93.2	93.3	93.9	94.6	94.9	95.2	95.2	95.2	95.2	95.2	95.3	95.4
GE 1000	79.8	85.6	89.2	92.3	94.2	94.3	94.8	95.6	95.9	96.1	96.1	96.1	96.1	96.1	96.2	96.3
GE 900	80.1	85.9	89.6	92.6	94.5	94.6	95.2	95.9	96.2	96.5	96.5	96.5	96.5	96.5	96.6	96.7
GE 800	80.2	86.0	89.7	92.9	95.2	95.3	95.8	96.6	96.9	97.1	97.1	97.1	97.1	97.1	97.2	97.3
GE 700	80.3	86.1	89.8	93.0	95.3	95.4	95.9	96.7	97.0	97.2	97.2	97.2	97.2	97.2	97.3	97.4
GE 600	80.4	86.3	90.0	93.3	95.7	95.8	96.3	97.1	97.4	97.6	97.6	97.6	97.6	97.6	97.7	97.8
GE 500	80.5	86.7	90.4	93.8	96.1	96.2	96.8	97.6	98.0	98.2	98.2	98.2	98.2	98.2	98.3	98.4
GE 400	80.6	86.8	90.5	93.9	96.2	96.3	96.9	97.7	98.1	98.4	98.4	98.4	98.4	98.4	98.5	98.6
GE 300	80.6	86.8	90.5	93.9	96.2	96.3	96.9	97.8	98.2	98.8	98.8	98.8	98.8	98.8	98.9	99.0
GE 200	80.6	86.8	90.5	94.1	96.5	96.6	97.1	98.1	98.5	99.2	99.4	99.4	99.4	99.4	99.5	99.6
GE 100	80.6	86.8	90.5	94.1	96.5	96.6	97.1	98.1	98.5	99.2	99.5	99.5	99.6	99.6	99.8	100.0
GE 000	80.6	86.8	90.5	94.1	96.5	96.6	97.1	98.1	98.5	99.2	99.5	99.5	99.6	99.6	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723535

STATION NAME: VANCE AFB OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: AUG HOURS: 09-11

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	67.4	68.7	69.6	69.9	69.9	69.9	70.0	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1
GE 20000	72.7	74.0	75.2	75.6	75.6	75.6	75.7	75.8	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
GE 18000	72.9	74.2	75.4	75.8	75.8	75.8	75.9	76.0	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
GE 16000	72.9	74.2	75.4	75.8	75.8	75.8	75.9	76.0	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
GE 14000	74.5	75.9	77.3	77.7	77.7	77.7	77.8	78.0	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
GE 12000	77.2	78.7	80.1	80.6	80.6	80.6	80.8	80.9	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0
GE 10000	80.6	82.6	84.0	84.7	84.7	84.7	84.8	84.9	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1
GE 9000	81.2	83.1	84.5	85.3	85.3	85.3	85.4	85.5	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6
GE 8000	84.0	85.9	87.3	88.1	88.3	88.3	88.5	88.7	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
GE 7000	84.1	86.0	87.4	88.2	88.4	88.4	88.6	88.8	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
GE 6000	84.8	86.8	88.2	89.0	89.2	89.2	89.5	89.7	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
GE 5000	85.6	87.6	89.1	90.1	90.4	90.4	90.6	91.0	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
GE 4500	85.6	87.6	89.1	90.1	90.4	90.4	90.6	91.0	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
GE 4000	86.3	88.4	90.1	91.3	91.6	91.6	91.8	92.2	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
GE 3500	86.8	88.8	90.5	91.7	92.2	92.2	92.4	92.7	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
GE 3000	87.2	89.5	91.3	92.6	93.1	93.1	93.3	93.7	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
GE 2500	87.3	89.6	91.4	92.8	93.4	93.4	93.7	94.0	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
GE 2000	87.4	89.7	91.5	92.9	93.5	93.5	93.8	94.1	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
GE 1800	87.5	89.9	91.7	93.1	93.8	93.8	94.0	94.3	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
GE 1500	88.3	90.8	92.7	94.1	94.7	94.7	94.9	95.3	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
GE 1200	89.0	91.5	93.5	94.9	95.7	95.8	96.0	96.3	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
GE 1000	89.2	91.7	93.9	95.3	96.0	96.1	96.3	96.7	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
GE 900	89.6	92.0	94.2	95.6	96.3	96.5	96.7	97.0	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
GE 800	90.1	92.6	94.8	96.2	97.1	97.2	97.5	97.8	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
GE 700	90.3	92.9	95.4	96.9	97.7	97.8	98.3	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE 600	90.3	92.9	95.5	97.1	98.0	98.1	98.5	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 500	90.3	92.9	95.5	97.4	98.3	98.5	98.9	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 400	90.4	93.0	95.6	97.5	98.4	98.6	99.1	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	90.4	93.0	95.6	97.5	98.4	98.6	99.1	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	90.4	93.0	95.6	97.5	98.4	98.6	99.1	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	90.4	93.0	95.6	97.5	98.4	98.6	99.1	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	90.4	93.0	95.6	97.5	98.4	98.6	99.1	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723535

STATION NAME: VANCE AFB OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: AUG HOURS: 12-14

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	66.0	67.1	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6
GE 20000	72.6	73.9	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5
GE 18000	72.8	74.1	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7
GE 16000	72.9	74.2	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8
GE 14000	74.3	75.7	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3
GE 12000	77.1	78.5	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1
GE 10000	82.4	84.1	84.8	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
GE 9000	82.5	84.5	85.3	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7
GE 8000	84.8	86.6	87.4	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
GE 7000	85.1	86.8	87.6	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
GE 6000	86.1	87.8	88.7	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
GE 5000	87.5	89.2	90.1	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
GE 4500	88.4	90.1	91.0	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5
GE 4000	89.9	91.6	92.5	93.0	93.0	93.0	93.0	93.1	93.1	93.2	93.3	93.3	93.3	93.3	93.3	93.3
GE 3500	91.0	92.7	93.7	94.2	94.2	94.2	94.2	94.3	94.3	94.4	94.5	94.5	94.5	94.5	94.5	94.5
GE 3000	91.6	93.3	94.3	95.3	95.3	95.3	95.3	95.4	95.4	95.5	95.6	95.6	95.6	95.6	95.6	95.6
GE 2500	92.2	93.9	94.8	95.9	95.9	95.9	95.9	96.0	96.0	96.1	96.2	96.2	96.2	96.2	96.2	96.2
GE 2000	92.3	94.1	95.1	96.1	96.1	96.1	96.1	96.2	96.2	96.3	96.5	96.5	96.5	96.5	96.5	96.5
GE 1800	92.6	94.4	95.4	96.5	96.5	96.5	96.5	96.6	96.6	96.7	96.8	96.8	96.8	96.8	96.8	96.8
GE 1500	93.0	94.9	96.2	97.3	97.3	97.3	97.3	97.4	97.4	97.5	97.6	97.6	97.6	97.6	97.6	97.6
GE 1200	93.4	95.5	96.8	97.8	97.8	97.8	97.8	98.0	98.0	98.1	98.2	98.2	98.2	98.2	98.2	98.2
GE 1000	94.0	96.0	97.5	98.6	98.6	98.6	98.6	98.7	98.7	98.8	98.9	98.9	98.9	98.9	98.9	98.9
GE 900	94.1	96.2	97.7	98.8	98.8	98.8	98.8	98.9	98.9	99.0	99.1	99.1	99.1	99.1	99.1	99.1
GE 800	94.1	96.3	98.0	99.0	99.0	99.0	99.0	99.5	99.5	99.6	99.7	99.7	99.7	99.7	99.7	99.7
GE 700	94.2	96.5	98.1	99.1	99.1	99.1	99.1	99.6	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8
GE 600	94.2	96.5	98.1	99.1	99.1	99.1	99.1	99.6	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8
GE 500	94.2	96.5	98.1	99.1	99.1	99.1	99.1	99.6	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8
GE 400	94.2	96.5	98.1	99.1	99.1	99.1	99.1	99.7	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9
GE 300	94.2	96.5	98.1	99.1	99.1	99.1	99.1	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	94.2	96.5	98.1	99.1	99.1	99.1	99.1	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	94.2	96.5	98.1	99.1	99.1	99.1	99.1	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	94.2	96.5	98.1	99.1	99.1	99.1	99.1	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723535

STATION NAME: VANCE AFB OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: AUG HOURS: 15-17

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	68.7	69.5	70.1	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4
GE 20000	79.7	80.5	81.2	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5
GE 18000	79.7	80.5	81.2	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5
GE 16000	79.7	80.5	81.2	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5
GE 14000	80.8	81.6	82.3	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
GE 12000	82.8	83.8	84.5	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1
GE 10000	86.6	87.8	88.6	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
GE 9000	86.8	88.1	88.8	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6
GE 8000	88.2	89.5	90.2	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
GE 7000	88.7	90.0	90.8	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5
GE 6000	88.8	90.4	91.2	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
GE 5000	90.4	92.0	92.9	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
GE 4500	91.1	92.7	93.5	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
GE 4000	92.4	94.0	94.9	95.9	95.9	95.9	95.9	96.0	96.0	96.0	96.2	96.2	96.2	96.2	96.2	96.2
GE 3500	92.6	94.2	95.2	96.1	96.1	96.1	96.1	96.2	96.2	96.2	96.5	96.5	96.5	96.5	96.5	96.5
GE 3000	92.8	94.4	95.4	96.6	96.7	96.7	96.7	96.8	96.8	96.8	97.0	97.0	97.0	97.0	97.0	97.0
GE 2500	93.2	94.8	95.8	97.0	97.1	97.1	97.1	97.2	97.2	97.2	97.4	97.4	97.4	97.4	97.4	97.4
GE 2000	93.8	95.4	96.3	97.6	97.7	97.7	97.7	97.8	97.8	97.8	98.1	98.1	98.1	98.1	98.1	98.1
GE 1800	94.0	95.6	96.6	97.8	98.0	98.0	98.0	98.1	98.1	98.1	98.3	98.3	98.3	98.3	98.3	98.3
GE 1500	94.0	95.8	96.9	98.4	98.5	98.6	98.6	98.7	98.7	98.7	98.9	98.9	98.9	98.9	98.9	98.9
GE 1200	94.4	96.2	97.3	98.8	98.9	99.0	99.0	99.1	99.1	99.1	99.4	99.4	99.4	99.4	99.4	99.4
GE 1000	94.7	96.6	97.6	99.1	99.2	99.4	99.4	99.5	99.5	99.5	99.7	99.7	99.7	99.7	99.7	99.7
GE 900	94.7	96.6	97.6	99.1	99.2	99.4	99.4	99.5	99.5	99.5	99.7	99.7	99.7	99.7	99.7	99.7
GE 800	94.7	96.6	97.6	99.1	99.2	99.4	99.4	99.5	99.5	99.5	99.7	99.7	99.7	99.7	99.7	99.7
GE 700	94.7	96.6	97.6	99.1	99.2	99.4	99.4	99.5	99.5	99.5	99.7	99.7	99.7	99.7	99.7	99.7
GE 600	94.7	96.6	97.6	99.1	99.2	99.4	99.4	99.5	99.5	99.5	99.7	99.7	99.7	99.7	99.7	99.7
GE 500	94.7	96.6	97.6	99.1	99.2	99.4	99.4	99.5	99.5	99.5	99.7	99.7	99.7	99.7	99.7	99.7
GE 400	94.7	96.6	97.6	99.1	99.2	99.4	99.4	99.5	99.5	99.5	99.7	99.7	99.7	99.7	99.7	99.7
GE 300	94.7	96.6	97.7	99.2	99.4	99.5	99.5	99.6	99.6	99.7	99.9	99.9	99.9	99.9	99.9	99.9
GE 200	94.7	96.6	97.7	99.2	99.4	99.5	99.5	99.7	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	94.7	96.6	97.7	99.2	99.4	99.5	99.5	99.7	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	94.7	96.6	97.7	99.2	99.4	99.5	99.5	99.7	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723535

STATION NAME: VANCE AFB OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: AUG HOURS: 18-20

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	69.8	71.3	71.9	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0
GE 20000	82.9	84.4	85.0	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1
GE 18000	82.9	84.4	85.0	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1
GE 16000	82.9	84.4	85.0	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1
GE 14000	83.9	85.4	86.0	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1
GE 12000	85.7	87.2	87.8	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9
GE 10000	89.0	90.7	91.4	91.5	91.5	91.5	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
GE 9000	89.1	90.9	91.5	91.6	91.6	91.6	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
GE 8000	90.7	92.6	93.2	93.3	93.3	93.3	93.5	93.5	93.5	93.6	93.6	93.6	93.6	93.6	93.6	93.6
GE 7000	91.0	92.9	93.5	93.6	93.6	93.6	93.9	93.9	93.9	94.0	94.0	94.0	94.0	94.0	94.0	94.0
GE 6000	91.6	93.5	94.2	94.3	94.3	94.3	94.5	94.5	94.5	94.6	94.6	94.6	94.6	94.6	94.6	94.6
GE 5000	92.8	94.8	95.5	95.6	95.6	95.6	95.8	95.8	95.8	95.9	95.9	95.9	95.9	95.9	95.9	95.9
GE 4500	93.2	95.3	95.9	96.0	96.1	96.1	96.3	96.3	96.3	96.4	96.4	96.4	96.4	96.4	96.4	96.4
GE 4000	94.2	96.2	97.0	97.1	97.4	97.4	97.7	97.7	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8
GE 3500	94.3	96.3	97.1	97.2	97.5	97.5	97.8	97.8	97.8	98.0	98.0	98.0	98.0	98.0	98.0	98.0
GE 3000	94.4	96.4	97.2	97.3	97.6	97.6	98.0	98.0	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1
GE 2500	94.6	96.7	97.4	97.5	97.8	97.8	98.2	98.2	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3
GE 2000	94.8	96.9	97.6	97.7	98.1	98.1	98.4	98.4	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5
GE 1800	94.9	97.0	97.7	97.8	98.2	98.2	98.5	98.5	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE 1500	94.9	97.0	97.7	98.2	98.5	98.5	98.8	98.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 1200	95.0	97.1	97.8	98.3	98.6	98.6	99.0	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 1000	95.0	97.2	98.0	98.4	98.7	98.7	99.1	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 900	95.0	97.2	98.0	98.4	98.7	98.7	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 800	95.0	97.2	98.0	98.4	98.7	98.7	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 700	95.0	97.2	98.0	98.4	98.7	98.7	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 600	95.0	97.2	98.0	98.4	98.7	98.7	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 500	95.0	97.2	98.0	98.4	98.7	98.7	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 400	95.2	97.3	98.1	98.5	98.8	98.8	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 300	95.2	97.3	98.1	98.5	98.8	98.8	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 200	95.2	97.3	98.1	98.5	98.8	98.8	99.7	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	95.2	97.3	98.1	98.5	98.8	98.8	99.7	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	95.2	97.3	98.1	98.5	98.8	98.8	99.7	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 929

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723535

STATION NAME: VANCE AFB OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: AUG HOURS: 21-23

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	74.3	74.7	74.8	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1
GE 20000	84.3	84.7	84.8	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1
GE 18000	84.3	84.7	84.8	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1
GE 16000	84.3	84.7	84.8	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1
GE 14000	84.7	85.2	85.3	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5
GE 12000	86.5	86.9	87.0	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
GE 10000	90.2	90.6	90.9	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
GE 9000	90.3	90.8	91.0	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2
GE 8000	91.6	92.3	92.6	92.8	92.8	92.8	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
GE 7000	91.6	92.3	92.6	92.8	92.8	92.8	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
GE 6000	92.3	92.9	93.2	93.7	93.7	93.7	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
GE 5000	92.9	93.5	94.0	94.4	94.4	94.4	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
GE 4500	93.5	94.2	94.6	95.2	95.2	95.2	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
GE 4000	95.4	96.2	96.7	97.2	97.2	97.2	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
GE 3500	95.4	96.2	96.7	97.2	97.2	97.2	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
GE 3000	95.6	96.7	97.1	97.6	97.6	97.6	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
GE 2500	95.9	97.0	97.4	98.0	98.0	98.0	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
GE 2000	95.9	97.0	97.4	98.0	98.0	98.0	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
GE 1800	95.9	97.0	97.4	98.0	98.0	98.0	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
GE 1500	96.0	97.3	97.7	98.4	98.4	98.4	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE 1200	96.0	97.3	97.7	98.4	98.4	98.4	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE 1000	96.0	97.3	97.8	98.5	98.5	98.5	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 900	96.0	97.3	97.8	98.7	98.7	98.7	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 800	96.0	97.3	97.8	98.8	98.8	98.8	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 700	96.3	97.6	98.2	99.1	99.1	99.1	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 600	96.3	97.6	98.2	99.1	99.1	99.1	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 500	96.3	97.6	98.2	99.1	99.1	99.1	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 400	96.3	97.6	98.2	99.1	99.2	99.2	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	96.3	97.6	98.2	99.1	99.2	99.2	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	96.3	97.6	98.2	99.1	99.2	99.2	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	96.3	97.6	98.2	99.1	99.2	99.2	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	96.3	97.6	98.2	99.1	99.2	99.2	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723535

STATION NAME: VANCE AFB OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: AUG HOURS: ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	68.0	69.5	70.3	70.7	70.9	70.9	71.0	71.1	71.1	71.2	71.2	71.2	71.2	71.2	71.2	71.2
GE 20000	76.3	77.9	78.8	79.3	79.5	79.5	79.6	79.7	79.7	79.8	79.8	79.8	79.8	79.8	79.8	79.8
GE 18000	76.4	78.1	78.9	79.4	79.6	79.6	79.7	79.8	79.8	79.9	79.9	79.9	79.9	79.9	79.9	79.9
GE 16000	76.4	78.1	78.9	79.4	79.6	79.6	79.7	79.8	79.8	79.9	79.9	79.9	79.9	79.9	79.9	79.9
GE 14000	77.4	79.0	79.9	80.4	80.6	80.6	80.7	80.8	80.8	80.9	80.9	80.9	80.9	80.9	80.9	80.9
GE 12000	79.3	81.0	81.9	82.5	82.7	82.7	82.8	82.9	82.9	83.0	83.0	83.0	83.0	83.0	83.0	83.0
GE 10000	83.5	85.4	86.4	87.1	87.4	87.4	87.5	87.6	87.6	87.7	87.7	87.7	87.7	87.7	87.7	87.7
GE 9000	83.8	85.7	86.7	87.4	87.6	87.7	87.8	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9
GE 8000	85.8	87.8	88.9	89.6	89.9	89.9	90.1	90.2	90.2	90.3	90.3	90.3	90.3	90.3	90.3	90.3
GE 7000	86.0	88.0	89.1	89.9	90.1	90.1	90.3	90.4	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5
GE 6000	86.8	88.8	89.9	90.7	91.0	91.0	91.2	91.2	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
GE 5000	88.0	90.1	91.3	92.1	92.4	92.4	92.6	92.7	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
GE 4500	88.7	90.7	91.9	92.8	93.1	93.1	93.3	93.4	93.4	93.5	93.5	93.5	93.5	93.5	93.5	93.5
GE 4000	90.2	92.3	93.6	94.5	94.9	94.9	95.1	95.3	95.3	95.4	95.4	95.4	95.4	95.4	95.4	95.4
GE 3500	90.5	92.6	93.9	94.9	95.2	95.2	95.5	95.6	95.6	95.7	95.7	95.7	95.7	95.7	95.7	95.7
GE 3000	90.8	93.0	94.3	95.3	95.7	95.7	96.0	96.1	96.1	96.2	96.2	96.2	96.2	96.2	96.2	96.3
GE 2500	91.0	93.2	94.5	95.6	96.0	96.0	96.3	96.4	96.5	96.5	96.6	96.6	96.6	96.6	96.6	96.6
GE 2000	91.1	93.4	94.7	95.8	96.2	96.2	96.5	96.6	96.7	96.7	96.8	96.8	96.8	96.8	96.8	96.8
GE 1800	91.2	93.5	94.8	95.9	96.3	96.3	96.6	96.7	96.8	96.9	96.9	96.9	96.9	96.9	96.9	96.9
GE 1500	91.5	93.9	95.3	96.4	96.9	96.9	97.2	97.4	97.4	97.5	97.5	97.5	97.5	97.5	97.5	97.5
GE 1200	91.7	94.1	95.5	96.7	97.2	97.2	97.5	97.7	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.9
GE 1000	92.0	94.4	95.9	97.1	97.6	97.7	97.9	98.1	98.2	98.2	98.3	98.3	98.3	98.3	98.3	98.3
GE 900	92.1	94.6	96.0	97.3	97.8	97.8	98.2	98.3	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5
GE 800	92.2	94.6	96.2	97.4	98.0	98.1	98.4	98.6	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.8
GE 700	92.3	94.8	96.3	97.7	98.2	98.3	98.7	98.9	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1
GE 600	92.4	94.9	96.4	97.8	98.4	98.4	98.8	99.0	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 500	92.4	94.9	96.5	97.9	98.5	98.6	99.0	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.5
GE 400	92.5	95.0	96.6	98.0	98.6	98.7	99.1	99.4	99.5	99.6	99.6	99.6	99.6	99.6	99.7	99.7
GE 300	92.5	95.0	96.6	98.0	98.6	98.7	99.1	99.5	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8
GE 200	92.5	95.0	96.6	98.1	98.7	98.7	99.2	99.6	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 100	92.5	95.0	96.6	98.1	98.7	98.7	99.2	99.6	99.7	99.9	99.9	99.9	99.9	99.9	100.0	100.0
GE 000	92.5	95.0	96.6	98.1	98.7	98.7	99.2	99.6	99.7	99.9	99.9	99.9	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 7439

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723535

STATION NAME: VANCE AFB OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: SEP HOURS: 00-02

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	67.4	68.0	68.0	68.3	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.8	68.8	68.8	68.8
GE 20000	72.3	73.2	73.2	73.7	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.2	74.2	74.2	74.2
GE 18000	72.9	73.8	73.8	74.2	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.8	74.8	74.8	74.8
GE 16000	72.9	73.8	73.8	74.2	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.8	74.8	74.8	74.8
GE 14000	73.6	74.4	74.4	74.9	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.4	75.4	75.4	75.4
GE 12000	75.0	75.9	75.9	76.3	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	75.9	76.9	76.9	76.9
GE 10000	80.1	81.0	81.0	81.8	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.3	82.3	82.3	82.3
GE 9000	80.3	81.2	81.2	82.0	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.6	82.6	82.6	82.6
GE 8000	82.9	83.8	83.8	84.7	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.3	85.3	85.3	85.3
GE 7000	82.9	83.8	83.8	84.7	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.3	85.3	85.3	85.3
GE 6000	83.2	84.1	84.1	85.0	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.7	85.7	85.7	85.7
GE 5000	84.7	85.7	85.7	86.6	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.2	87.2	87.2	87.2
GE 4500	85.6	86.6	86.9	87.8	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.4	88.4	88.4	88.4
GE 4000	87.3	88.4	89.1	90.0	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.7	90.7	90.7	90.7
GE 3500	88.0	89.3	90.1	91.0	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.9	91.9	91.9	91.9
GE 3000	88.6	89.9	90.9	91.9	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.8	92.8	92.8	92.8
GE 2500	88.8	90.1	91.1	92.1	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	93.0	93.0	93.0	93.0
GE 2000	89.3	90.7	91.7	92.7	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.6	93.6	93.6	93.6
GE 1800	89.4	90.8	91.8	92.8	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.7	93.7	93.7	93.7
GE 1500	90.4	91.8	93.1	94.2	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	95.1	95.1	95.1	95.1
GE 1200	91.0	92.3	93.7	94.9	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.8	95.8	95.8	95.8
GE 1000	91.4	92.9	94.3	95.6	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.4	96.4	96.4	96.4
GE 900	91.6	93.0	94.4	95.7	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.6	96.6	96.6	96.6
GE 800	91.7	93.1	94.6	95.8	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.7	96.7	96.7	96.7
GE 700	92.0	93.7	95.2	96.6	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.4	97.4	97.4	97.4
GE 600	92.3	94.1	95.8	97.2	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	98.1	98.1	98.1	98.1
GE 500	92.3	94.1	96.0	97.8	98.6	98.6	98.6	98.7	98.7	98.7	98.7	98.7	98.9	98.9	98.9	98.9
GE 400	92.4	94.3	96.2	98.0	98.9	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.3	99.3	99.3	99.3
GE 300	92.4	94.3	96.2	98.0	98.9	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.3	99.3	99.3	99.3
GE 200	92.6	94.4	96.4	98.2	99.1	99.2	99.2	99.4	99.4	99.4	99.4	99.4	99.8	99.8	99.8	99.8
GE 100	92.6	94.4	96.4	98.2	99.1	99.2	99.2	99.4	99.4	99.4	99.4	99.4	99.8	99.8	99.8	99.8
GE 000	92.6	94.4	96.4	98.2	99.1	99.2	99.2	99.4	99.4	99.4	99.4	99.4	99.8	99.8	99.8	99.8

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723535

STATION NAME: VANCE AFB OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: SEP HOURS: 03-05

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	63.3	64.7	65.4	65.7	66.0	66.0	66.1	66.1	66.1	66.2	66.3	66.3	66.7	66.7	66.7	66.7
GE 20000	68.9	70.2	71.1	71.4	71.8	71.8	71.9	71.9	71.9	72.0	72.1	72.1	72.4	72.4	72.4	72.4
GE 18000	69.1	70.4	71.3	71.7	72.0	72.0	72.1	72.1	72.1	72.2	72.3	72.3	72.7	72.7	72.7	72.7
GE 16000	69.1	70.4	71.3	71.7	72.0	72.0	72.1	72.1	72.1	72.2	72.3	72.3	72.7	72.7	72.7	72.7
GE 14000	70.0	71.3	72.2	72.6	72.9	72.9	73.0	73.0	73.0	73.1	73.2	73.2	73.6	73.6	73.6	73.6
GE 12000	71.6	72.9	73.8	74.1	74.4	74.4	74.6	74.6	74.6	74.7	74.8	74.8	75.1	75.1	75.1	75.1
GE 10000	76.9	78.2	79.2	79.6	80.0	80.0	80.1	80.1	80.1	80.2	80.3	80.3	80.7	80.7	80.7	80.7
GE 9000	77.0	78.3	79.3	79.7	80.1	80.1	80.2	80.2	80.2	80.3	80.4	80.4	80.8	80.8	80.8	80.8
GE 8000	79.6	80.9	82.0	82.3	82.8	82.8	82.9	82.9	82.9	83.1	83.2	83.2	83.8	83.8	83.8	83.8
GE 7000	79.6	81.0	82.1	82.4	82.9	82.9	83.0	83.0	83.0	83.2	83.3	83.3	83.9	83.9	83.9	83.9
GE 6000	80.3	81.8	82.9	83.2	83.7	83.7	83.8	83.8	83.9	84.1	84.2	84.2	84.8	84.8	84.8	84.8
GE 5000	81.1	82.6	83.7	84.0	84.4	84.4	84.6	84.6	84.7	84.9	85.0	85.0	85.6	85.6	85.6	85.6
GE 4500	82.1	83.7	84.9	85.2	85.7	85.7	85.8	85.8	85.9	86.1	86.2	86.2	86.8	86.8	86.8	86.8
GE 4000	83.7	85.4	86.7	87.0	87.4	87.4	87.6	87.6	87.7	87.9	88.0	88.0	88.6	88.6	88.6	88.6
GE 3500	84.6	86.3	87.7	88.0	88.4	88.4	88.6	88.6	88.7	88.9	89.0	89.0	89.6	89.6	89.6	89.6
GE 3000	85.1	86.9	88.3	88.7	89.3	89.3	89.4	89.4	89.6	89.8	89.9	89.9	90.4	90.4	90.4	90.4
GE 2500	85.3	87.1	88.6	88.9	89.6	89.6	89.7	89.7	89.8	90.0	90.1	90.1	90.7	90.7	90.7	90.7
GE 2000	85.8	87.6	89.0	89.3	90.0	90.0	90.1	90.1	90.2	90.4	90.6	90.6	91.1	91.1	91.1	91.1
GE 1800	86.1	87.9	89.3	89.7	90.3	90.3	90.4	90.4	90.6	90.8	90.9	90.9	91.4	91.4	91.4	91.4
GE 1500	86.8	88.7	90.1	90.4	91.1	91.1	91.2	91.2	91.3	91.6	91.7	91.7	92.2	92.2	92.2	92.2
GE 1200	87.1	89.1	90.6	90.9	91.7	91.7	91.8	91.8	91.9	92.1	92.2	92.2	92.8	92.8	92.8	92.8
GE 1000	87.8	89.9	91.7	92.3	93.2	93.2	93.6	93.6	93.7	93.9	94.0	94.0	94.6	94.6	94.6	94.6
GE 900	87.8	89.9	91.7	92.3	93.3	93.4	93.8	93.8	93.9	94.1	94.2	94.2	94.8	94.8	94.8	94.8
GE 800	88.3	90.4	92.3	93.1	94.2	94.3	94.7	94.7	94.8	95.0	95.1	95.1	95.7	95.7	95.7	95.7
GE 700	88.8	91.2	93.1	93.9	95.1	95.2	95.6	95.6	95.7	95.9	96.0	96.0	96.6	96.6	96.6	96.6
GE 600	89.2	91.8	93.7	94.4	95.7	95.8	96.1	96.1	96.2	96.6	96.7	96.7	97.2	97.2	97.2	97.2
GE 500	89.2	92.0	94.0	94.9	96.1	96.2	96.7	96.7	96.8	97.1	97.2	97.2	97.8	97.8	97.8	97.8
GE 400	89.2	92.1	94.2	95.4	96.8	97.0	97.7	97.7	97.8	98.1	98.2	98.2	98.8	98.8	98.8	98.8
GE 300	89.2	92.1	94.2	95.4	96.8	97.0	97.7	97.7	97.8	98.1	98.2	98.2	98.8	98.8	98.8	98.8
GE 200	89.2	92.1	94.2	95.6	96.9	97.2	98.0	98.0	98.1	98.4	98.7	98.7	99.2	99.2	99.2	99.2
GE 100	89.3	92.2	94.3	95.7	97.0	97.3	98.2	98.2	98.3	98.7	98.9	98.9	99.9	99.9	99.9	100.0
GE 000	89.3	92.2	94.3	95.7	97.0	97.3	98.2	98.2	98.3	98.7	98.9	98.9	99.9	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723535

STATION NAME: VANCE AFB OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: SEP HOURS: 06-08

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	52.8	55.6	57.1	58.6	59.1	59.2	59.7	59.8	60.0	60.3	60.6	60.6	60.7	60.7	60.8	61.1
GE 20000	58.4	61.8	63.3	65.1	65.9	66.0	66.4	66.6	66.8	67.1	67.3	67.3	67.4	67.4	67.6	67.9
GE 18000	58.4	61.8	63.3	65.1	65.9	66.0	66.4	66.6	66.8	67.1	67.3	67.3	67.4	67.4	67.6	67.9
GE 16000	58.7	62.0	63.6	65.3	66.1	66.2	66.7	66.8	67.0	67.3	67.6	67.6	67.7	67.7	67.8	68.1
GE 14000	59.3	62.7	64.2	66.0	66.8	66.9	67.3	67.4	67.7	68.0	68.2	68.2	68.3	68.3	68.4	68.8
GE 12000	61.0	64.4	66.0	67.9	68.7	68.8	69.2	69.3	69.6	69.9	70.1	70.1	70.2	70.2	70.3	70.7
GE 10000	67.0	70.7	72.6	74.7	75.4	75.6	76.1	76.2	76.4	76.8	77.0	77.0	77.1	77.1	77.2	77.6
GE 9000	67.4	71.2	73.2	75.3	76.1	76.2	76.8	76.9	77.1	77.4	77.7	77.7	77.8	77.8	77.9	78.2
GE 8000	70.2	74.0	76.2	78.4	79.4	79.6	80.1	80.2	80.4	80.8	81.0	81.0	81.1	81.1	81.2	81.6
GE 7000	70.3	74.1	76.3	78.6	79.6	79.7	80.2	80.3	80.6	80.9	81.1	81.1	81.2	81.2	81.3	81.7
GE 6000	70.4	74.2	76.4	78.7	79.7	79.8	80.3	80.4	80.7	81.0	81.2	81.2	81.3	81.3	81.4	81.8
GE 5000	71.2	75.3	77.7	80.0	81.1	81.2	81.8	82.0	82.2	82.6	82.8	82.8	82.9	82.9	83.0	83.3
GE 4500	72.1	76.3	78.7	81.2	82.3	82.6	83.1	83.3	83.6	83.9	84.1	84.1	84.2	84.2	84.3	84.7
GE 4000	73.7	77.9	80.3	82.9	84.0	84.2	84.8	85.0	85.4	85.8	86.0	86.0	86.1	86.1	86.2	86.6
GE 3500	74.6	79.0	81.7	84.2	85.3	85.6	86.1	86.3	86.8	87.1	87.3	87.3	87.4	87.4	87.6	87.9
GE 3000	74.8	79.3	82.3	84.9	86.0	86.2	86.8	87.1	87.6	87.9	88.1	88.1	88.2	88.2	88.3	88.7
GE 2500	75.3	79.9	83.0	85.6	86.7	86.9	87.4	87.8	88.2	88.6	88.8	88.8	88.9	88.9	89.0	89.3
GE 2000	76.0	80.6	83.8	86.3	87.6	87.8	88.3	88.7	89.1	89.4	89.7	89.7	89.8	89.8	89.9	90.2
GE 1800	76.0	80.6	83.8	86.3	87.6	87.8	88.3	88.7	89.1	89.4	89.7	89.7	89.8	89.8	89.9	90.2
GE 1500	77.2	81.8	85.0	87.8	89.0	89.2	89.8	90.2	90.7	91.0	91.2	91.2	91.3	91.3	91.6	91.9
GE 1200	78.1	82.9	86.1	88.9	90.1	90.3	90.9	91.3	91.8	92.1	92.3	92.3	92.4	92.4	92.7	93.0
GE 1000	79.2	84.2	87.4	90.2	91.4	91.7	92.3	92.8	93.2	93.6	93.8	93.8	93.9	93.9	94.1	94.4
GE 900	79.4	84.4	87.8	90.6	91.9	92.1	92.8	93.2	93.7	94.0	94.2	94.2	94.3	94.3	94.6	94.9
GE 800	79.4	84.4	87.8	90.7	92.1	92.3	93.0	93.4	93.9	94.2	94.4	94.4	94.6	94.6	94.8	95.1
GE 700	79.7	85.1	88.4	91.4	93.2	93.4	94.1	94.6	95.0	95.3	95.6	95.6	95.7	95.7	95.9	96.2
GE 600	79.9	85.3	88.7	91.8	93.6	93.8	94.4	94.9	95.3	95.7	95.9	95.9	96.0	96.0	96.2	96.6
GE 500	80.1	85.7	89.0	92.2	94.1	94.3	95.0	95.4	95.9	96.3	96.6	96.6	96.7	96.7	96.9	97.2
GE 400	80.3	86.2	89.6	92.9	95.2	95.4	96.2	96.9	97.3	97.8	98.0	98.0	98.1	98.1	98.3	98.7
GE 300	80.3	86.2	89.6	92.9	95.2	95.4	96.2	96.9	97.3	97.8	98.0	98.0	98.1	98.1	98.6	98.9
GE 200	80.3	86.2	89.6	92.9	95.3	95.6	96.4	97.1	97.6	98.1	98.3	98.3	98.4	98.4	98.9	99.2
GE 100	80.3	86.2	89.6	92.9	95.7	95.9	96.8	97.4	97.9	98.4	98.7	98.7	98.9	98.9	99.3	100.0
GE 000	80.3	86.2	89.6	92.9	95.7	95.9	96.8	97.4	97.9	98.4	98.7	98.7	98.9	98.9	99.3	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723535

STATION NAME: VANCE AFB OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: SEP HOURS: 09-11

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	59.4	60.0	60.2	60.6	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7
GE 20000	65.9	66.4	66.7	67.0	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1
GE 18000	65.9	66.4	66.7	67.0	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1
GE 16000	66.2	66.8	67.0	67.3	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4
GE 14000	67.7	68.2	68.4	68.8	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9
GE 12000	69.9	70.6	70.8	71.1	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2
GE 10000	75.1	75.8	76.0	76.3	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4
GE 9000	75.6	76.2	76.6	76.9	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0
GE 8000	78.0	78.7	79.1	79.4	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.7	79.7
GE 7000	78.1	78.8	79.3	79.7	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	80.0	80.0
GE 6000	78.7	79.4	80.1	80.4	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.8	80.8
GE 5000	79.1	80.0	80.7	81.2	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.7	81.7
GE 4500	79.9	81.1	81.9	82.6	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.1	83.1
GE 4000	81.1	82.4	83.2	83.9	84.3	84.3	84.3	84.3	84.4	84.4	84.4	84.4	84.4	84.4	84.6	84.6
GE 3500	81.8	83.2	84.0	84.8	85.2	85.2	85.2	85.2	85.3	85.3	85.3	85.3	85.3	85.3	85.4	85.4
GE 3000	82.1	83.6	84.3	85.2	85.7	85.7	85.7	85.7	85.8	85.8	85.8	85.8	85.8	85.8	85.9	85.9
GE 2500	82.8	84.2	85.0	85.9	86.3	86.3	86.3	86.3	86.4	86.4	86.4	86.4	86.4	86.4	86.6	86.6
GE 2000	84.6	86.1	86.9	87.8	88.2	88.2	88.2	88.2	88.3	88.3	88.3	88.3	88.3	88.3	88.4	88.4
GE 1800	84.9	86.4	87.2	88.1	88.6	88.6	88.6	88.6	88.7	88.7	88.7	88.7	88.7	88.7	88.8	88.8
GE 1500	86.4	88.1	89.0	89.9	90.3	90.3	90.7	90.7	90.8	90.8	90.8	90.8	90.8	90.8	90.9	90.9
GE 1200	87.3	89.0	90.0	90.9	91.6	91.6	91.9	91.9	92.0	92.0	92.0	92.0	92.0	92.0	92.1	92.1
GE 1000	88.3	90.1	91.2	92.2	93.0	93.0	93.3	93.3	93.4	93.4	93.4	93.4	93.4	93.4	93.6	93.6
GE 900	88.4	90.2	91.8	92.9	93.8	93.8	94.1	94.1	94.2	94.2	94.2	94.2	94.2	94.2	94.3	94.3
GE 800	88.8	90.8	92.3	93.6	94.4	94.4	94.8	94.8	94.9	94.9	94.9	94.9	94.9	94.9	95.0	95.0
GE 700	90.2	92.4	94.2	95.6	96.7	96.7	97.0	97.0	97.1	97.1	97.1	97.1	97.1	97.1	97.2	97.2
GE 600	90.6	92.8	94.7	96.0	97.1	97.1	97.4	97.4	97.6	97.6	97.6	97.6	97.6	97.6	97.7	97.7
GE 500	91.4	93.8	95.7	97.1	98.4	98.4	98.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9	99.0	99.0
GE 400	91.6	93.9	96.0	97.4	98.8	98.8	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.3	99.3
GE 300	91.6	93.9	96.1	97.6	98.9	98.9	99.2	99.2	99.3	99.4	99.4	99.4	99.4	99.4	99.6	99.6
GE 200	91.6	93.9	96.1	97.6	98.9	98.9	99.2	99.2	99.3	99.6	99.6	99.6	99.6	99.6	99.7	99.7
GE 100	91.6	93.9	96.2	97.7	99.0	99.0	99.3	99.3	99.4	99.7	99.7	99.7	99.7	99.7	99.8	100.0
GE 000	91.6	93.9	96.2	97.7	99.0	99.0	99.3	99.3	99.4	99.7	99.7	99.7	99.7	99.7	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723535

STATION NAME: VANCE AFB OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: SEP HOURS: 12-14

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	61.8	62.0	62.4	62.4	62.4	62.4	62.4	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6
GE 20000	69.7	70.0	70.4	70.4	70.4	70.4	70.4	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6
GE 18000	69.7	70.0	70.4	70.4	70.4	70.4	70.4	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6
GE 16000	69.9	70.2	70.7	70.7	70.7	70.7	70.7	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8
GE 14000	70.7	71.0	71.4	71.4	71.4	71.4	71.4	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
GE 12000	72.9	73.2	73.7	73.7	73.7	73.7	73.7	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8
GE 10000	76.4	76.8	77.2	77.2	77.2	77.2	77.2	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
GE 9000	77.1	77.4	77.9	77.9	77.9	77.9	77.9	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0
GE 8000	80.2	80.6	81.0	81.0	81.0	81.0	81.0	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1
GE 7000	80.8	81.1	81.6	81.6	81.6	81.6	81.6	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
GE 6000	81.8	82.1	82.6	82.6	82.6	82.6	82.6	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7
GE 5000	83.0	83.3	83.8	83.9	84.0	84.0	84.0	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1
GE 4500	83.4	83.8	84.3	84.4	84.8	84.8	84.8	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9
GE 4000	84.4	84.9	85.7	85.8	86.2	86.2	86.2	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
GE 3500	85.7	86.3	87.1	87.2	87.7	87.7	87.7	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
GE 3000	87.7	88.3	89.2	89.3	89.8	89.8	89.8	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
GE 2500	88.9	89.6	90.6	90.7	91.1	91.1	91.1	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2
GE 2000	90.2	90.9	91.9	92.0	92.4	92.4	92.4	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
GE 1800	91.0	91.7	92.7	92.8	93.2	93.2	93.2	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
GE 1500	91.9	92.7	93.7	94.0	94.6	94.6	94.6	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
GE 1200	92.4	93.3	94.4	94.8	95.4	95.4	95.4	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
GE 1000	93.1	94.2	95.6	95.9	96.6	96.6	96.7	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
GE 900	93.2	94.4	95.8	96.2	96.9	96.9	97.0	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
GE 800	93.6	94.9	96.2	96.7	97.6	97.6	97.7	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
GE 700	94.7	96.0	97.4	98.0	98.9	98.9	99.0	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 600	95.1	96.4	97.9	98.4	99.3	99.3	99.4	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 500	95.1	96.4	97.9	98.4	99.3	99.3	99.4	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 400	95.1	96.4	97.9	98.4	99.3	99.3	99.4	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 300	95.1	96.4	97.9	98.6	99.6	99.6	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	95.1	96.4	97.9	98.6	99.6	99.6	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	95.1	96.4	97.9	98.6	99.6	99.6	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	95.1	96.4	97.9	98.6	99.6	99.6	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723535

STATION NAME: VANCE AFB OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: SEP HOURS: 15-17

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	61.0	61.0	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4
GE 20000	73.3	73.6	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1
GE 18000	73.4	73.7	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
GE 16000	73.6	73.8	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3
GE 14000	74.7	74.9	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4
GE 12000	76.6	76.8	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
GE 10000	81.1	81.3	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
GE 9000	81.9	82.1	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7
GE 8000	84.8	85.1	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7
GE 7000	85.0	85.3	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9
GE 6000	85.8	86.1	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
GE 5000	87.7	88.0	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
GE 4500	88.8	89.2	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
GE 4000	89.7	90.6	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2
GE 3500	91.1	92.2	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
GE 3000	91.9	93.0	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
GE 2500	92.4	93.6	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
GE 2000	93.1	94.2	95.1	95.1	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
GE 1800	93.4	94.6	95.4	95.4	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
GE 1500	94.0	95.1	96.0	96.0	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
GE 1200	94.6	95.7	96.6	96.7	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
GE 1000	94.8	96.1	97.0	97.2	97.3	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
GE 900	95.0	96.3	97.2	97.4	97.6	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
GE 800	95.2	96.6	97.4	97.7	97.8	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
GE 700	95.9	97.4	98.6	98.8	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 600	95.9	97.4	98.7	98.9	99.1	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 500	96.0	97.6	98.9	99.4	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 400	96.0	97.6	98.9	99.4	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 300	96.1	97.7	99.0	99.6	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	96.1	97.7	99.0	99.6	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	96.1	97.7	99.0	99.6	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	96.1	97.7	99.0	99.6	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723535

STATION NAME: VANCE AFB OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: SEP HOURS: 18-20

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	68.3	69.2	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4
GE 20000	76.7	77.6	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8
GE 18000	76.7	77.6	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8
GE 16000	76.7	77.6	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8
GE 14000	77.3	78.2	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4
GE 12000	79.6	80.4	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7
GE 10000	83.4	84.4	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8
GE 9000	84.1	85.1	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6
GE 8000	85.6	86.6	87.0	87.0	87.0	87.0	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
GE 7000	85.6	86.6	87.0	87.0	87.0	87.0	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
GE 6000	86.0	87.0	87.4	87.4	87.4	87.4	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6
GE 5000	86.9	87.9	88.4	88.4	88.4	88.4	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
GE 4500	87.6	88.6	89.3	89.3	89.3	89.3	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
GE 4000	89.4	90.4	91.2	91.2	91.2	91.2	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
GE 3500	90.1	91.1	91.9	91.9	91.9	91.9	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
GE 3000	91.6	92.6	93.3	93.3	93.3	93.3	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
GE 2500	91.8	92.8	93.8	93.8	93.8	93.8	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
GE 2000	92.4	93.4	94.4	94.4	94.4	94.6	94.7	94.7	94.7	94.7	94.7	94.7	94.8	94.8	94.8	94.8
GE 1800	92.7	93.7	94.7	94.7	94.7	94.8	94.9	94.9	94.9	94.9	94.9	94.9	95.0	95.0	95.0	95.0
GE 1500	92.8	93.8	94.8	94.8	94.8	94.9	95.0	95.0	95.0	95.0	95.0	95.0	95.1	95.1	95.1	95.1
GE 1200	93.0	94.0	95.0	95.0	95.0	95.1	95.2	95.2	95.2	95.2	95.2	95.2	95.3	95.3	95.3	95.3
GE 1000	93.6	95.0	96.0	96.0	96.0	96.1	96.2	96.2	96.2	96.2	96.2	96.2	96.3	96.3	96.3	96.3
GE 900	93.8	95.2	96.2	96.2	96.2	96.3	96.4	96.4	96.4	96.4	96.4	96.4	96.6	96.6	96.6	96.6
GE 800	94.1	95.6	96.6	96.6	96.6	96.7	96.9	96.9	96.9	97.0	97.0	97.0	97.2	97.2	97.2	97.2
GE 700	94.9	96.3	97.3	97.3	97.3	97.4	97.7	97.7	97.7	97.8	97.8	97.8	98.0	98.0	98.0	98.0
GE 600	95.2	96.9	97.9	97.9	97.9	98.0	98.2	98.3	98.3	98.4	98.4	98.4	98.7	98.7	98.7	98.7
GE 500	95.3	97.2	98.3	98.8	98.9	99.0	99.2	99.3	99.3	99.6	99.6	99.6	99.8	99.8	99.8	99.8
GE 400	95.3	97.2	98.6	99.0	99.1	99.2	99.4	99.6	99.6	99.8	99.8	99.8	100.0	100.0	100.0	100.0
GE 300	95.3	97.2	98.6	99.0	99.1	99.2	99.4	99.6	99.6	99.8	99.8	99.8	100.0	100.0	100.0	100.0
GE 200	95.3	97.2	98.6	99.0	99.1	99.2	99.4	99.6	99.6	99.8	99.8	99.8	100.0	100.0	100.0	100.0
GE 100	95.3	97.2	98.6	99.0	99.1	99.2	99.4	99.6	99.6	99.8	99.8	99.8	100.0	100.0	100.0	100.0
GE 000	95.3	97.2	98.6	99.0	99.1	99.2	99.4	99.6	99.6	99.8	99.8	99.8	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723535

STATION NAME: VANCE AFB OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: SEP HOURS: 21-23

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	71.9	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6
GE 20000	78.1	78.8	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9
GE 18000	78.1	78.8	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9
GE 16000	78.1	78.8	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9
GE 14000	79.0	79.7	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8
GE 12000	80.4	81.1	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2
GE 10000	82.9	83.8	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
GE 9000	82.9	83.8	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
GE 8000	84.4	85.3	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7
GE 7000	84.7	85.6	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9
GE 6000	85.1	86.0	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
GE 5000	86.2	87.2	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6
GE 4500	86.7	87.7	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
GE 4000	88.7	89.9	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
GE 3500	89.7	91.0	91.8	91.8	91.8	91.8	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
GE 3000	90.9	92.2	93.0	93.1	93.1	93.1	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
GE 2500	91.0	92.4	93.3	93.4	93.4	93.4	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
GE 2000	91.4	92.9	93.8	93.9	93.9	93.9	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
GE 1800	91.7	93.1	94.0	94.1	94.1	94.1	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
GE 1500	92.3	93.8	94.7	94.8	94.8	94.8	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
GE 1200	93.0	94.4	95.3	95.4	95.4	95.4	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
GE 1000	93.8	95.6	96.4	96.7	96.7	96.7	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
GE 900	94.1	95.9	96.9	97.1	97.1	97.1	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
GE 800	94.4	96.3	97.4	97.7	97.7	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
GE 700	94.7	96.6	97.9	98.1	98.1	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
GE 600	94.8	96.7	98.1	98.3	98.3	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
GE 500	94.9	96.9	98.7	99.2	99.2	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 400	95.0	97.0	98.9	99.6	99.6	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 300	95.0	97.0	98.9	99.6	99.6	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 200	95.0	97.0	98.9	99.6	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	95.0	97.0	98.9	99.6	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	95.0	97.0	98.9	99.6	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723535

STATION NAME: V MCR AFB OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: SEP HOURS: ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	63.3	64.1	64.6	64.9	65.0	65.1	65.1	65.2	65.2	65.2	65.3	65.3	65.3	65.3	65.4	65.4
GE 20000	70.4	71.4	71.9	72.3	72.5	72.5	72.6	72.6	72.6	72.7	72.7	72.7	72.8	72.8	72.8	72.9
GE 18000	70.5	71.6	72.1	72.4	72.6	72.6	72.7	72.7	72.8	72.8	72.8	72.8	72.9	72.9	72.9	73.0
GE 16000	70.6	71.7	72.2	72.5	72.7	72.7	72.8	72.8	72.9	72.9	73.0	73.0	73.0	73.0	73.1	73.1
GE 14000	71.5	72.6	73.1	73.4	73.6	73.6	73.7	73.7	73.8	73.8	73.8	73.8	73.9	73.9	73.9	74.0
GE 12000	73.4	74.4	74.9	75.3	75.5	75.5	75.6	75.6	75.6	75.7	75.7	75.7	75.8	75.8	75.8	75.9
GE 10000	77.9	79.0	79.6	80.0	80.2	80.3	80.3	80.4	80.4	80.4	80.5	80.5	80.6	80.6	80.6	80.6
GE 9000	78.3	79.4	80.1	80.5	80.7	80.7	80.8	80.8	80.9	80.9	81.0	81.0	81.0	81.0	81.1	81.1
GE 8000	80.7	81.9	82.6	83.0	83.3	83.3	83.4	83.4	83.4	83.5	83.6	83.6	83.7	83.7	83.7	83.7
GE 7000	80.9	82.0	82.7	83.2	83.5	83.5	83.6	83.6	83.6	83.7	83.8	83.8	83.9	83.9	83.9	83.9
GE 6000	81.4	82.6	83.3	83.8	84.1	84.1	84.2	84.2	84.2	84.3	84.3	84.3	84.5	84.5	84.5	84.5
GE 5000	82.5	83.8	84.5	85.0	85.3	85.3	85.4	85.5	85.5	85.6	85.6	85.6	85.8	85.8	85.8	85.8
GE 4500	83.3	84.6	85.5	86.1	86.4	86.5	86.6	86.6	86.7	86.7	86.8	86.8	86.9	86.9	86.9	86.9
GE 4000	84.8	86.3	87.3	87.8	88.2	88.2	88.3	88.4	88.4	88.5	88.6	88.6	88.7	88.7	88.7	88.7
GE 3500	85.7	87.3	88.4	89.0	89.4	89.4	89.5	89.5	89.6	89.7	89.7	89.7	89.8	89.8	89.9	89.9
GE 3000	86.6	88.2	89.4	90.0	90.4	90.5	90.6	90.6	90.7	90.8	90.8	90.8	90.9	90.9	91.0	91.0
GE 2500	87.0	88.7	89.9	90.6	91.0	91.0	91.1	91.2	91.3	91.3	91.4	91.4	91.5	91.5	91.5	91.6
GE 2000	87.9	89.5	90.8	91.4	91.9	91.9	92.0	92.1	92.2	92.3	92.3	92.3	92.4	92.4	92.4	92.5
GE 1800	88.2	89.8	91.1	91.7	92.2	92.2	92.3	92.4	92.5	92.5	92.6	92.6	92.7	92.7	92.7	92.8
GE 1500	89.0	90.7	92.0	92.7	93.2	93.2	93.4	93.5	93.6	93.6	93.7	93.7	93.8	93.8	93.8	93.9
GE 1200	89.6	91.3	92.7	93.4	93.9	94.0	94.1	94.2	94.3	94.4	94.4	94.4	94.5	94.5	94.6	94.6
GE 1000	90.3	92.3	93.7	94.5	95.1	95.1	95.3	95.4	95.5	95.6	95.6	95.6	95.7	95.7	95.8	95.8
GE 900	90.4	92.4	94.0	94.8	95.4	95.5	95.7	95.8	95.8	95.9	95.9	95.9	96.1	96.1	96.1	96.2
GE 800	90.7	92.8	94.3	95.2	95.8	95.9	96.1	96.2	96.3	96.4	96.4	96.4	96.6	96.6	96.6	96.7
GE 700	91.3	93.6	95.3	96.2	96.9	97.0	97.2	97.3	97.4	97.5	97.5	97.5	97.7	97.7	97.7	97.8
GE 600	91.6	93.9	95.7	96.6	97.4	97.4	97.7	97.8	97.8	98.0	98.0	98.0	98.1	98.1	98.2	98.2
GE 500	91.8	94.2	96.1	97.2	98.0	98.1	98.4	98.5	98.6	98.7	98.8	98.8	98.9	98.9	98.9	99.0
GE 400	91.9	94.3	96.3	97.5	98.4	98.5	98.8	99.0	99.1	99.2	99.2	99.2	99.4	99.4	99.4	99.5
GE 300	91.9	94.4	96.3	97.6	98.5	98.6	98.9	99.0	99.1	99.3	99.3	99.3	99.4	99.4	99.5	99.6
GE 200	91.9	94.4	96.3	97.6	98.5	98.7	99.0	99.2	99.2	99.4	99.5	99.5	99.7	99.7	99.7	99.8
GE 100	91.9	94.4	96.4	97.6	98.6	98.7	99.1	99.2	99.3	99.5	99.6	99.6	99.8	99.8	99.9	100.0
GE 000	91.9	94.4	96.4	97.6	98.6	98.7	99.1	99.2	99.3	99.5	99.6	99.6	99.8	99.8	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 7200

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723535

STATION NAME: VANCE AFB OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: OCT HOURS: 00-02

CEILING IN FEET	VISIBILITY IN STATUTE MILES																
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0	
NO CEIL	69.2	70.2	70.4	70.6	70.9	70.9	70.9	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.2	71.3	71.4
GE 20000	72.6	73.8	74.0	74.2	74.4	74.4	74.4	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.7	74.8	75.1
GE 18000	72.6	73.8	74.0	74.2	74.4	74.4	74.4	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.7	74.8	75.1
GE 16000	72.6	73.8	74.0	74.2	74.4	74.4	74.4	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.7	74.8	75.1
GE 14000	72.6	73.8	74.0	74.2	74.4	74.4	74.4	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.7	74.8	75.1
GE 12000	73.4	74.6	74.8	75.1	75.3	75.3	75.3	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.6	75.7	75.9
GE 10000	74.7	75.9	76.1	76.3	76.6	76.6	76.6	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.9	77.0	77.2
GE 9000	74.9	76.1	76.3	76.6	76.8	76.8	76.8	76.9	76.9	76.9	76.9	76.9	76.9	76.9	77.1	77.2	77.4
GE 8000	76.1	77.3	77.5	77.7	78.0	78.0	78.0	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.3	78.4	78.6
GE 7000	76.6	77.7	78.0	78.2	78.4	78.4	78.4	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.7	78.8	79.0
GE 6000	77.1	78.3	78.5	78.7	78.9	78.9	78.9	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.2	79.4	79.6
GE 5000	78.4	79.7	79.9	80.1	80.3	80.3	80.3	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.6	80.8	81.0
GE 4500	79.0	80.3	80.5	80.8	81.0	81.0	81.0	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.3	81.4	81.6
GE 4000	79.9	81.3	81.5	81.7	81.9	81.9	81.9	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.3	82.4	82.6
GE 3500	80.4	82.0	82.3	82.6	83.0	83.0	83.0	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.3	83.4	83.7
GE 3000	81.9	83.8	84.0	84.4	85.1	85.1	85.1	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.4	85.5	85.7
GE 2500	82.4	84.3	84.5	84.9	85.6	85.6	85.7	85.8	85.8	85.8	85.8	85.8	85.8	85.8	86.0	86.1	86.3
GE 2000	83.9	86.1	86.7	87.2	88.0	88.0	88.1	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.4	88.5	88.7
GE 1800	84.4	86.7	87.2	87.7	88.5	88.5	88.6	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.9	89.0	89.2
GE 1500	85.9	88.2	88.7	89.2	90.0	90.0	90.1	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.4	90.5	90.8
GE 1200	86.6	88.8	89.5	90.0	90.8	90.8	90.9	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.2	91.3	91.5
GE 1000	87.3	89.6	90.2	90.8	91.5	91.5	91.6	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.9	92.0	92.3
GE 900	87.6	89.9	90.5	91.1	91.8	91.8	91.9	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.3	92.4	92.6
GE 800	88.0	90.4	91.1	91.8	92.7	92.7	92.8	93.2	93.2	93.3	93.3	93.3	93.3	93.3	93.5	93.7	93.9
GE 700	88.1	90.6	91.6	92.4	93.2	93.2	93.3	93.8	93.8	93.9	93.9	93.9	93.9	93.9	94.1	94.2	94.4
GE 600	88.1	90.8	91.7	92.5	93.3	93.3	93.5	94.0	94.0	94.1	94.1	94.1	94.1	94.1	94.3	94.4	94.6
GE 500	88.2	90.9	92.0	92.8	93.8	93.8	94.4	95.2	95.2	95.4	95.4	95.4	95.4	95.4	95.6	95.7	95.9
GE 400	88.3	91.1	92.3	93.1	94.1	94.1	94.8	95.6	95.6	95.9	96.0	96.0	96.0	96.0	96.2	96.3	96.6
GE 300	88.3	91.1	92.3	93.3	94.5	94.5	95.5	96.3	96.3	96.7	97.0	97.0	97.0	97.0	97.2	97.3	97.5
GE 200	88.3	91.1	92.3	93.3	94.6	94.6	95.7	96.6	96.6	96.7	97.1	97.4	97.4	97.4	97.7	98.0	98.2
GE 100	88.3	91.1	92.3	93.3	94.6	94.6	95.7	96.6	96.7	97.3	98.2	98.2	98.2	98.2	98.5	98.8	99.8
GE 000	88.3	91.1	92.3	93.3	94.6	94.6	95.7	96.6	96.7	97.3	98.2	98.2	98.2	98.2	98.5	98.9	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723535

STATION NAME: VANCE AFB OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: OCT HOURS: 03-05

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	64.7	66.2	66.9	67.1	67.3	67.3	67.3	67.6	67.6	67.6	67.8	67.8	67.8	67.8	67.8	68.2
GE 20000	68.7	70.3	71.0	71.3	71.5	71.5	71.5	71.8	71.8	71.8	72.0	72.0	72.0	72.0	72.0	72.4
GE 18000	68.7	70.3	71.0	71.3	71.5	71.5	71.5	71.8	71.8	71.8	72.0	72.0	72.0	72.0	72.0	72.4
GE 16000	68.7	70.3	71.0	71.3	71.5	71.5	71.5	71.8	71.8	71.8	72.0	72.0	72.0	72.0	72.0	72.4
GE 14000	68.7	70.3	71.0	71.3	71.5	71.5	71.5	71.8	71.8	71.8	72.0	72.0	72.0	72.0	72.0	72.4
GE 12000	69.6	71.2	71.8	72.2	72.4	72.4	72.4	72.7	72.7	72.7	72.9	72.9	72.9	72.9	72.9	73.2
GE 10000	72.0	73.7	74.3	74.6	74.8	74.8	74.8	75.2	75.2	75.2	75.4	75.4	75.4	75.4	75.4	75.7
GE 9000	72.2	73.8	74.4	74.7	74.9	74.9	74.9	75.3	75.3	75.3	75.5	75.5	75.5	75.5	75.5	75.8
GE 8000	74.4	76.0	76.8	77.1	77.4	77.4	77.4	77.7	77.7	77.7	78.0	78.0	78.0	78.0	78.0	78.3
GE 7000	74.7	76.3	77.1	77.4	77.7	77.7	77.7	78.1	78.1	78.1	78.3	78.3	78.3	78.3	78.3	78.6
GE 6000	75.6	77.3	78.1	78.4	78.7	78.7	78.7	79.0	79.0	79.0	79.2	79.2	79.2	79.2	79.2	79.6
GE 5000	76.7	78.4	79.1	79.5	79.8	79.8	79.8	80.1	80.1	80.1	80.3	80.3	80.3	80.3	80.3	80.6
GE 4500	76.9	78.7	79.5	79.8	80.1	80.1	80.1	80.4	80.4	80.4	80.6	80.6	80.6	80.6	80.6	81.0
GE 4000	78.0	79.9	80.6	81.0	81.3	81.3	81.3	81.6	81.6	81.6	81.8	81.8	81.8	81.8	81.8	82.2
GE 3500	78.6	80.5	81.4	81.7	82.0	82.0	82.0	82.4	82.4	82.4	82.6	82.6	82.6	82.6	82.6	82.9
GE 3000	79.8	82.0	82.9	83.2	83.5	83.5	83.5	83.9	83.9	83.9	84.1	84.1	84.1	84.1	84.1	84.4
GE 2500	80.3	82.6	83.4	83.8	84.1	84.2	84.2	84.5	84.5	84.5	84.7	84.7	84.7	84.7	84.7	85.1
GE 2000	81.6	84.0	85.1	85.4	85.7	85.8	85.9	86.2	86.2	86.2	86.5	86.5	86.5	86.5	86.5	86.8
GE 1800	82.2	84.5	85.6	85.9	86.2	86.3	86.5	86.8	86.8	86.8	87.0	87.0	87.0	87.0	87.0	87.3
GE 1500	83.1	85.5	86.6	87.0	87.3	87.4	87.5	87.8	87.8	87.8	88.1	88.1	88.1	88.1	88.1	88.4
GE 1200	83.9	86.2	87.3	87.7	88.1	88.2	88.3	88.6	88.6	88.7	88.9	88.9	88.9	88.9	88.9	89.2
GE 1000	85.1	87.4	88.5	88.9	89.6	89.7	89.8	90.2	90.2	90.3	90.5	90.5	90.5	90.5	90.5	90.9
GE 900	85.3	87.7	88.8	89.2	89.9	90.0	90.1	90.5	90.5	90.6	90.9	90.9	90.9	90.9	90.9	91.2
GE 800	85.4	87.8	89.1	89.7	90.4	90.5	90.9	91.4	91.4	91.5	91.7	91.7	91.7	91.8	91.8	92.2
GE 700	85.9	88.7	90.1	90.9	91.7	91.8	92.2	92.7	92.7	92.8	93.0	93.0	93.0	93.1	93.1	93.4
GE 600	85.9	88.7	90.3	91.1	91.9	92.0	92.7	93.2	93.2	93.4	93.7	93.7	93.7	93.8	93.8	94.1
GE 500	85.9	88.8	90.8	91.7	92.6	92.7	93.3	94.1	94.1	94.4	94.6	94.6	94.6	94.7	94.7	95.1
GE 400	86.2	89.2	91.5	92.8	93.9	94.0	94.6	95.5	95.5	95.8	96.1	96.1	96.1	96.2	96.2	96.6
GE 300	86.2	89.2	91.5	92.8	94.1	94.2	94.9	96.0	96.0	96.3	96.7	96.7	96.7	96.8	96.9	97.4
GE 200	86.2	89.5	91.8	93.1	94.4	94.5	95.3	96.5	96.6	96.9	97.2	97.2	97.3	97.4	97.6	98.2
GE 100	86.2	89.5	91.9	93.2	94.5	94.6	95.6	96.8	96.9	97.6	98.1	98.1	98.2	98.3	98.5	99.6
GE 000	86.2	89.5	91.9	93.2	94.5	94.6	95.6	96.8	96.9	97.6	98.1	98.1	98.2	98.3	98.6	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723535

STATION NAME: VANCE AFB OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: OCT HOURS: 06-08

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	54.1	56.8	57.7	59.1	59.8	59.8	59.8	60.0	60.0	60.2	60.2	60.2	60.6	60.6	60.6	60.8
GE 20000	58.8	61.6	62.7	64.3	65.1	65.1	65.1	65.3	65.3	65.5	65.5	65.5	65.9	65.9	65.9	66.1
GE 18000	58.8	61.6	62.7	64.3	65.1	65.1	65.1	65.3	65.3	65.5	65.5	65.5	65.9	65.9	65.9	66.1
GE 16000	58.8	61.6	62.7	64.3	65.1	65.1	65.1	65.3	65.3	65.5	65.5	65.5	65.9	65.9	65.9	66.1
GE 14000	58.9	61.8	62.9	64.5	65.3	65.3	65.3	65.5	65.5	65.7	65.7	65.7	66.1	66.1	66.1	66.3
GE 12000	60.0	62.9	64.2	66.0	66.8	66.8	66.8	67.0	67.0	67.2	67.2	67.2	67.6	67.6	67.6	67.8
GE 10000	63.1	66.1	67.4	69.2	70.0	70.0	70.0	70.2	70.2	70.4	70.4	70.4	70.9	70.9	70.9	71.1
GE 9000	63.5	66.7	68.0	69.8	70.5	70.5	70.5	70.8	70.8	71.0	71.0	71.0	71.4	71.4	71.4	71.6
GE 8000	65.9	69.1	70.5	72.4	73.2	73.2	73.2	73.4	73.4	73.7	73.7	73.7	74.1	74.1	74.1	74.3
GE 7000	66.9	70.2	71.7	73.7	74.5	74.5	74.5	74.7	74.7	74.9	74.9	74.9	75.4	75.4	75.4	75.6
GE 6000	67.7	71.2	72.8	74.8	75.7	75.7	75.7	75.9	75.9	76.1	76.1	76.1	76.6	76.6	76.6	76.8
GE 5000	68.7	72.2	73.8	75.8	76.7	76.7	76.7	76.9	76.9	77.1	77.1	77.1	77.5	77.5	77.5	77.7
GE 4500	68.7	72.3	73.9	75.9	76.8	76.8	76.8	77.0	77.0	77.2	77.2	77.2	77.6	77.6	77.6	77.8
GE 4000	69.9	73.4	75.2	77.4	78.4	78.4	78.4	78.6	78.6	78.8	78.8	78.8	79.2	79.2	79.2	79.5
GE 3500	70.2	74.0	75.7	78.0	78.9	78.9	78.9	79.1	79.1	79.4	79.4	79.4	79.8	79.8	79.8	80.0
GE 3000	71.9	75.7	77.4	79.7	80.6	80.6	80.6	80.9	80.9	81.1	81.1	81.1	81.5	81.5	81.5	81.7
GE 2500	72.0	75.8	77.6	80.0	81.3	81.3	81.3	81.5	81.5	81.7	81.7	81.7	82.2	82.2	82.2	82.4
GE 2000	73.2	77.3	79.2	81.6	83.1	83.1	83.1	83.3	83.3	83.7	83.7	83.7	84.1	84.1	84.1	84.5
GE 1800	73.3	77.5	79.5	81.8	83.3	83.3	83.3	83.5	83.5	83.9	83.9	83.9	84.3	84.3	84.3	84.7
GE 1500	74.9	79.6	81.5	83.9	85.4	85.4	85.4	85.6	85.6	85.9	85.9	85.9	86.3	86.3	86.5	86.9
GE 1200	75.5	80.2	82.2	84.5	86.0	86.0	86.0	86.2	86.2	86.6	86.6	86.6	87.0	87.0	87.1	87.5
GE 1000	76.7	81.4	83.5	86.0	88.0	88.0	88.0	88.3	88.3	88.6	88.6	88.6	89.0	89.0	89.1	89.6
GE 900	76.9	81.7	83.9	86.5	88.4	88.4	88.4	88.7	88.7	89.0	89.0	89.0	89.5	89.5	89.6	90.0
GE 800	77.8	82.7	84.8	87.5	89.5	89.5	89.5	89.8	89.8	90.1	90.1	90.1	90.5	90.5	90.6	91.1
GE 700	78.1	83.2	85.6	88.3	90.2	90.2	90.2	90.5	90.5	90.9	90.9	90.9	91.3	91.3	91.4	91.8
GE 600	78.1	83.3	85.8	88.6	90.6	90.6	90.6	91.0	91.0	91.3	91.3	91.3	91.7	91.7	91.8	92.3
GE 500	78.6	84.2	87.0	90.0	92.5	92.5	92.6	93.0	93.0	93.3	93.4	93.4	93.9	93.9	94.0	94.4
GE 400	78.6	84.2	87.2	90.8	93.5	93.5	93.7	94.2	94.3	94.6	94.7	94.7	95.2	95.2	95.3	95.7
GE 300	78.7	84.3	87.3	91.0	94.0	94.2	94.5	95.4	95.5	96.0	96.1	96.1	96.8	96.9	97.0	97.4
GE 200	78.7	84.3	87.3	91.1	94.1	94.3	94.7	95.7	95.8	96.6	96.7	96.7	97.4	97.5	97.7	98.2
GE 100	78.7	84.3	87.3	91.1	94.1	94.3	94.8	95.8	95.9	96.9	97.1	97.1	97.8	98.0	98.2	99.8
GE 000	78.7	84.3	87.3	91.1	94.1	94.3	94.8	95.8	95.9	96.9	97.1	97.1	97.8	98.0	98.2	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723535

STATION NAME: VANCE AFB OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: OCT HOURS: 09-11

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	58.5	59.1	59.5	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6
GE 20000	64.4	65.6	66.1	66.6	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
GE 18000	64.5	65.7	66.2	66.7	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8
GE 16000	64.5	65.7	66.2	66.7	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8
GE 14000	64.8	66.0	66.6	67.0	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1
GE 12000	65.9	67.1	67.7	68.3	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4
GE 10000	69.2	70.4	71.1	71.6	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7
GE 9000	69.2	70.4	71.1	71.6	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7
GE 8000	70.8	72.0	72.7	73.3	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4
GE 7000	71.6	72.9	73.5	74.2	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3
GE 6000	72.2	73.4	74.1	74.7	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8
GE 5000	72.7	74.1	74.7	75.4	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6
GE 4500	72.7	74.2	74.8	75.6	75.8	75.8	75.8	75.8	75.8	75.9	75.9	75.9	75.9	75.9	75.9	75.9
GE 4000	73.8	75.4	76.1	76.9	77.1	77.1	77.1	77.1	77.1	77.2	77.2	77.2	77.2	77.2	77.2	77.2
GE 3500	74.5	76.1	77.0	77.7	78.0	78.0	78.0	78.0	78.0	78.1	78.1	78.1	78.1	78.1	78.1	78.1
GE 3000	75.7	77.6	78.5	79.2	79.5	79.5	79.5	79.5	79.5	79.6	79.6	79.6	79.6	79.6	79.6	79.6
GE 2500	76.1	78.3	79.4	80.1	80.4	80.4	80.4	80.4	80.4	80.5	80.5	80.5	80.5	80.5	80.5	80.5
GE 2000	77.8	80.0	81.2	81.9	82.3	82.3	82.3	82.3	82.3	82.4	82.4	82.4	82.4	82.4	82.4	82.4
GE 1800	78.2	80.4	81.6	82.4	82.7	82.7	82.7	82.7	82.7	82.8	82.8	82.8	82.8	82.8	82.8	82.8
GE 1500	79.0	81.9	83.2	84.0	84.3	84.3	84.3	84.3	84.3	84.4	84.4	84.4	84.4	84.4	84.4	84.4
GE 1200	80.5	83.5	84.8	85.7	86.0	86.0	86.0	86.0	86.0	86.2	86.2	86.2	86.2	86.2	86.2	86.2
GE 1000	81.7	84.9	86.5	87.4	87.8	87.8	87.8	88.0	88.0	88.2	88.2	88.2	88.2	88.2	88.2	88.2
GE 900	82.0	85.4	87.1	88.1	88.5	88.5	88.5	88.6	88.6	88.8	88.8	88.8	88.8	88.8	88.8	88.8
GE 800	82.9	86.2	88.0	89.2	89.9	90.1	90.1	90.2	90.2	90.4	90.4	90.4	90.4	90.4	90.4	90.4
GE 700	83.1	86.5	88.4	90.3	91.0	91.2	91.2	91.3	91.3	91.5	91.5	91.5	91.5	91.5	91.5	91.5
GE 600	83.5	87.0	89.1	91.2	91.9	92.2	92.3	92.4	92.4	92.6	92.6	92.6	92.6	92.6	92.6	92.6
GE 500	84.2	87.8	90.4	93.1	94.2	94.5	94.6	94.7	94.7	94.9	94.9	94.9	94.9	94.9	94.9	94.9
GE 400	84.7	88.5	91.2	94.5	95.9	96.2	96.3	96.7	96.7	97.1	97.1	97.1	97.1	97.1	97.1	97.1
GE 300	85.1	89.0	91.8	95.4	96.8	97.2	97.6	98.0	98.0	98.4	98.4	98.4	98.4	98.4	98.4	98.4
GE 200	85.1	89.0	91.8	95.5	96.9	97.3	97.8	98.2	98.2	98.9	99.0	99.0	99.2	99.2	99.2	99.4
GE 100	85.1	89.0	91.8	95.5	96.9	97.3	97.8	98.2	98.2	98.9	99.0	99.0	99.4	99.4	99.5	100.0
GE 000	85.1	89.0	91.8	95.5	96.9	97.3	97.8	98.2	98.2	98.9	99.0	99.0	99.4	99.4	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723535

STATION NAME: VANCE AFB OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: OCT HOURS: 12-14

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8
GE 20000	67.2	67.5	67.5	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6
GE 18000	67.4	67.7	67.7	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8
GE 16000	67.5	67.8	67.8	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0
GE 14000	67.6	68.0	68.0	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1
GE 12000	69.1	69.8	69.8	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9
GE 10000	71.8	72.5	72.5	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6
GE 9000	72.0	72.7	72.7	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9
GE 8000	73.8	74.5	74.5	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8
GE 7000	74.0	74.7	74.7	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1
GE 6000	74.0	74.7	74.7	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3
GE 5000	74.8	75.6	75.6	76.1	76.1	76.1	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3
GE 4500	75.2	75.9	75.9	76.5	76.5	76.5	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
GE 4000	76.2	77.0	77.0	77.5	77.5	77.5	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7
GE 3500	76.8	77.5	77.5	78.1	78.1	78.1	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3
GE 3000	78.9	79.7	79.7	80.2	80.2	80.2	80.4	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5
GE 2500	80.6	81.4	81.5	82.0	82.0	82.0	82.3	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4
GE 2000	83.3	84.1	84.3	84.8	84.8	84.8	85.1	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
GE 1800	84.1	84.8	85.2	85.7	85.7	85.7	85.9	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1
GE 1500	86.2	87.0	87.4	88.0	88.0	88.0	88.2	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
GE 1200	87.5	88.4	89.0	89.7	89.7	89.7	89.9	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
GE 1000	89.0	89.9	90.5	91.5	91.5	91.5	91.7	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
GE 900	89.8	90.6	91.3	92.3	92.3	92.3	92.5	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
GE 800	90.5	91.5	92.8	93.9	94.1	94.1	94.3	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
GE 700	91.0	92.2	93.5	94.8	95.1	95.1	95.3	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
GE 600	91.4	92.6	94.2	95.7	96.3	96.3	96.6	96.8	96.8	96.8	96.9	96.9	96.9	96.9	96.9	96.9
GE 500	91.5	92.8	94.6	96.6	97.3	97.3	97.6	97.8	97.8	98.0	98.1	98.1	98.1	98.1	98.1	98.1
GE 400	91.9	93.3	95.3	97.3	98.2	98.2	98.5	98.7	98.7	98.9	99.0	99.0	99.0	99.0	99.0	99.0
GE 300	91.9	93.3	95.4	97.6	98.7	98.7	99.1	99.5	99.5	99.7	99.8	99.8	99.8	99.8	99.8	99.8
GE 200	91.9	93.3	95.4	97.6	98.7	98.7	99.1	99.5	99.6	99.8	99.9	99.9	100.0	100.0	100.0	100.0
GE 100	91.9	93.3	95.4	97.6	98.7	98.7	99.1	99.5	99.6	99.8	99.9	99.9	100.0	100.0	100.0	100.0
GE 000	91.9	93.3	95.4	97.6	98.7	98.7	99.1	99.5	99.6	99.8	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723535

STATION NAME: VANCE AFB OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: OCT HOURS: 15-17

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	62.6	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8
GE 20000	70.8	71.4	71.5	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7
GE 18000	71.1	71.7	71.8	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0
GE 16000	71.1	71.7	71.8	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0
GE 14000	71.5	72.2	72.3	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5
GE 12000	73.0	73.8	73.9	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1
GE 10000	75.2	75.9	76.0	76.2	76.3	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5
GE 9000	75.6	76.3	76.5	76.7	76.8	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9
GE 8000	77.4	78.2	78.5	78.9	79.0	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1
GE 7000	77.6	78.4	78.7	79.1	79.2	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
GE 6000	77.6	78.4	78.7	79.1	79.2	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
GE 5000	78.5	79.2	79.7	80.3	80.6	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8
GE 4500	79.0	79.8	80.2	80.9	81.2	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
GE 4000	80.1	80.9	81.3	81.9	82.3	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4
GE 3500	81.1	81.8	82.3	82.9	83.2	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
GE 3000	83.1	83.9	84.3	84.9	85.3	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4
GE 2500	85.3	86.0	86.5	87.1	87.4	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5
GE 2000	87.3	88.3	88.7	89.4	89.7	89.8	89.8	89.8	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
GE 1800	87.6	88.6	89.0	89.7	90.0	90.1	90.1	90.1	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
GE 1500	88.8	89.8	90.3	91.1	91.5	91.6	91.6	91.6	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
GE 1200	89.7	91.5	92.2	92.9	93.3	93.4	93.4	93.4	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
GE 1000	89.9	92.0	92.9	93.8	94.2	94.3	94.3	94.3	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
GE 900	90.0	92.2	93.0	93.9	94.3	94.4	94.4	94.4	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
GE 800	90.6	92.9	94.0	94.8	95.4	95.5	95.5	95.5	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
GE 700	91.0	93.4	95.1	96.1	96.8	96.9	96.9	96.9	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
GE 600	91.4	94.0	95.7	96.8	97.5	97.6	97.6	97.6	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
GE 500	91.7	94.4	96.3	97.8	98.7	98.8	98.8	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 400	91.8	94.6	96.6	98.1	99.1	99.2	99.4	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 300	91.8	94.6	96.6	98.2	99.5	99.7	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	91.8	94.6	96.6	98.2	99.5	99.7	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	91.8	94.6	96.6	98.2	99.5	99.7	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	91.8	94.6	96.6	98.2	99.5	99.7	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723535

STATION NAME: VANCE AFB OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: OCT HOURS: 18-20

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	66.1	66.3	66.3	66.3	66.5	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6
GE 20000	71.7	72.3	72.3	72.4	72.7	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.9
GE 18000	72.2	72.7	72.7	72.8	73.1	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.3
GE 16000	72.2	72.7	72.7	72.8	73.1	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.3
GE 14000	72.9	73.4	73.4	73.5	73.9	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.1
GE 12000	74.3	74.8	74.8	74.9	75.3	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.5
GE 10000	76.8	77.3	77.3	77.4	77.7	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	78.0
GE 9000	77.2	77.7	77.7	77.8	78.2	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.4
GE 8000	78.7	79.2	79.4	79.7	80.0	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.2
GE 7000	78.7	79.2	79.4	79.7	80.1	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.3
GE 6000	78.9	79.5	79.6	79.9	80.3	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.5
GE 5000	79.5	80.0	80.1	80.8	81.3	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.6
GE 4500	80.3	80.9	81.0	81.6	82.2	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.5
GE 4000	81.8	82.4	82.6	83.3	84.0	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.3
GE 3500	82.7	83.3	83.5	84.3	84.9	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.3
GE 3000	83.9	84.7	84.9	85.7	86.5	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.8
GE 2500	86.2	87.1	87.3	88.1	88.8	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.1
GE 2000	87.8	88.8	89.1	90.0	90.8	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.1
GE 1800	88.1	89.0	89.4	90.2	91.0	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.3
GE 1500	88.7	89.7	90.2	91.1	91.9	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.3
GE 1200	88.9	90.2	90.8	91.6	92.5	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.8	92.8	92.9
GE 1000	89.8	91.2	91.7	92.6	93.5	93.8	93.8	93.8	93.8	94.0	94.0	94.0	94.1	94.1	94.1	94.2
GE 900	89.8	91.2	91.7	92.6	93.5	93.8	93.8	93.8	93.8	94.0	94.0	94.0	94.1	94.1	94.1	94.2
GE 800	90.5	91.9	92.8	93.7	94.7	94.9	94.9	94.9	94.9	95.2	95.2	95.2	95.3	95.3	95.3	95.4
GE 700	90.8	92.2	93.3	94.2	95.3	95.5	95.5	95.5	95.5	95.7	95.8	95.8	95.9	95.9	95.9	96.0
GE 600	90.9	92.5	93.8	94.6	95.8	96.0	96.0	96.0	96.0	96.2	96.3	96.3	96.5	96.5	96.5	96.6
GE 500	91.2	92.8	94.3	95.2	96.9	97.2	97.4	97.4	97.4	97.6	97.7	97.7	97.8	97.8	97.8	98.0
GE 400	91.3	92.9	94.5	95.5	97.4	97.8	98.2	98.2	98.2	98.4	98.5	98.5	98.6	98.6	98.6	98.7
GE 300	91.3	92.9	94.6	95.7	98.0	98.4	98.7	98.7	98.7	98.9	99.0	99.0	99.1	99.1	99.1	99.2
GE 200	91.3	92.9	94.6	95.8	98.1	98.5	99.0	99.0	99.0	99.2	99.4	99.4	99.6	99.6	99.6	99.7
GE 100	91.3	92.9	94.6	95.8	98.1	98.5	99.0	99.0	99.0	99.4	99.5	99.5	99.8	99.8	99.8	99.9
GE 000	91.3	92.9	94.6	95.8	98.1	98.5	99.0	99.0	99.0	99.4	99.5	99.5	99.8	99.8	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723535

STATION NAME: VANCE AFB OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: OCT HOURS: 21-23

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	69.7	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.4	70.4	70.4	70.4	70.5	70.5	70.6
GE 20000	74.4	75.2	75.2	75.2	75.4	75.4	75.4	75.4	75.4	75.5	75.5	75.5	75.5	75.6	75.6	75.8
GE 18000	74.6	75.4	75.4	75.4	75.6	75.6	75.6	75.6	75.6	75.7	75.7	75.7	75.7	75.8	75.8	76.0
GE 16000	74.6	75.4	75.4	75.4	75.6	75.6	75.6	75.6	75.6	75.7	75.7	75.7	75.7	75.8	75.8	76.0
GE 14000	75.1	75.8	75.8	75.8	76.0	76.0	76.0	76.0	76.0	76.1	76.1	76.1	76.1	76.2	76.2	76.5
GE 12000	76.1	76.9	76.9	76.9	77.1	77.1	77.1	77.1	77.1	77.2	77.2	77.2	77.2	77.3	77.3	77.5
GE 10000	77.2	78.0	78.0	78.1	78.3	78.3	78.3	78.3	78.3	78.4	78.4	78.4	78.4	78.5	78.5	78.7
GE 9000	77.5	78.3	78.3	78.4	78.6	78.6	78.6	78.6	78.6	78.7	78.7	78.7	78.7	78.8	78.8	79.0
GE 8000	79.0	79.8	79.8	80.0	80.2	80.2	80.2	80.2	80.2	80.3	80.3	80.3	80.3	80.4	80.4	80.6
GE 7000	79.0	79.8	79.8	80.0	80.2	80.2	80.2	80.2	80.2	80.3	80.3	80.3	80.3	80.4	80.4	80.6
GE 6000	79.0	79.8	79.8	80.0	80.2	80.2	80.2	80.2	80.2	80.3	80.3	80.3	80.3	80.4	80.4	80.6
GE 5000	80.1	81.0	81.1	81.3	81.5	81.5	81.5	81.5	81.5	81.6	81.6	81.6	81.6	81.7	81.7	81.9
GE 4500	80.6	81.5	81.6	81.8	82.0	82.0	82.0	82.0	82.0	82.2	82.2	82.2	82.2	82.3	82.3	82.5
GE 4000	82.2	83.1	83.2	83.4	83.7	83.7	83.7	83.7	83.7	83.8	83.8	83.8	83.8	83.9	83.9	84.1
GE 3500	82.8	83.8	83.9	84.1	84.3	84.3	84.3	84.3	84.3	84.4	84.4	84.4	84.4	84.5	84.5	84.7
GE 3000	84.3	85.6	85.7	85.9	86.1	86.1	86.1	86.2	86.2	86.3	86.5	86.5	86.5	86.6	86.6	86.8
GE 2500	85.2	86.6	86.9	87.2	87.4	87.4	87.4	87.5	87.5	87.6	87.7	87.7	87.7	87.8	87.8	88.1
GE 2000	86.7	88.3	88.8	89.2	89.5	89.5	89.5	89.6	89.6	89.7	89.8	89.8	89.8	89.9	89.9	90.1
GE 1800	87.2	88.8	89.4	89.8	90.0	90.0	90.0	90.1	90.1	90.2	90.3	90.3	90.3	90.4	90.4	90.6
GE 1500	87.3	89.0	89.6	90.1	90.3	90.3	90.3	90.4	90.4	90.5	90.6	90.6	90.6	90.8	90.8	91.0
GE 1200	88.0	89.7	90.2	90.8	91.0	91.0	91.0	91.1	91.1	91.2	91.3	91.3	91.3	91.4	91.4	91.6
GE 1000	88.1	90.0	90.5	91.1	91.5	91.5	91.5	91.6	91.6	91.7	91.8	91.8	91.8	91.9	91.9	92.2
GE 900	88.4	90.3	91.0	91.5	91.9	91.9	92.3	92.4	92.4	92.5	92.6	92.6	92.6	92.7	92.7	92.9
GE 800	89.6	91.5	92.4	92.9	93.7	93.7	94.0	94.1	94.1	94.3	94.4	94.4	94.4	94.5	94.5	94.7
GE 700	89.7	91.8	92.8	93.3	94.1	94.1	94.4	94.5	94.6	94.8	94.9	94.9	94.9	95.1	95.1	95.3
GE 600	89.7	91.8	92.8	93.3	94.1	94.1	94.4	94.5	94.6	94.8	94.9	94.9	94.9	95.1	95.1	95.3
GE 500	89.7	91.8	93.0	93.8	94.8	94.8	95.5	95.6	95.7	96.0	96.1	96.1	96.1	96.2	96.2	96.5
GE 400	89.7	91.9	93.1	94.1	95.2	95.2	96.1	96.2	96.3	96.7	96.8	96.8	97.1	97.2	97.2	97.4
GE 300	89.7	91.9	93.4	94.4	95.8	95.8	96.8	96.9	97.0	97.3	97.4	97.4	97.8	98.0	98.0	98.2
GE 200	89.7	91.9	93.4	94.5	96.0	96.0	97.0	97.1	97.2	97.6	97.8	97.8	98.5	98.6	98.6	98.8
GE 100	89.7	91.9	93.4	94.5	96.0	96.0	97.2	97.3	97.4	98.1	98.3	98.3	99.2	99.4	99.5	99.7
GE 000	89.7	91.9	93.4	94.5	96.0	96.0	97.2	97.3	97.4	98.1	98.3	98.3	99.2	99.4	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723535

STATION NAME: VANCE AFB OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: OCT HOURS: ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	63.1	64.0	64.2	64.5	64.6	64.6	64.6	64.7	64.7	64.7	64.8	64.8	64.8	64.9	64.9	65.0
GE 20000	68.6	69.7	70.0	70.4	70.6	70.6	70.6	70.7	70.7	70.8	70.8	70.8	70.8	70.9	70.9	71.0
GE 18000	68.7	69.9	70.2	70.6	70.8	70.8	70.8	70.9	70.9	70.9	71.0	71.0	71.0	71.0	71.1	71.2
GE 16000	68.8	69.9	70.2	70.6	70.8	70.8	70.8	70.9	70.9	70.9	71.0	71.0	71.0	71.1	71.1	71.2
GE 14000	69.0	70.2	70.5	70.9	71.1	71.1	71.1	71.2	71.2	71.2	71.3	71.3	71.3	71.3	71.4	71.5
GE 12000	70.2	71.4	71.7	72.2	72.4	72.4	72.4	72.5	72.5	72.5	72.6	72.6	72.6	72.6	72.7	72.8
GE 10000	72.5	73.7	74.1	74.5	74.8	74.8	74.8	74.9	74.9	74.9	74.9	74.9	75.0	75.0	75.0	75.2
GE 9000	72.8	74.0	74.4	74.8	75.1	75.1	75.1	75.2	75.2	75.2	75.2	75.2	75.3	75.3	75.3	75.5
GE 8000	74.5	75.8	76.2	76.7	77.0	77.0	77.0	77.1	77.1	77.2	77.2	77.2	77.2	77.3	77.3	77.4
GE 7000	74.9	76.2	76.6	77.2	77.4	77.5	77.5	77.6	77.6	77.6	77.6	77.6	77.7	77.7	77.7	77.9
GE 6000	75.3	76.6	77.0	77.6	77.9	77.9	77.9	78.0	78.0	78.1	78.1	78.1	78.1	78.2	78.2	78.3
GE 5000	76.2	77.5	78.0	78.7	79.0	79.0	79.1	79.1	79.1	79.2	79.2	79.2	79.3	79.3	79.3	79.4
GE 4500	76.6	77.9	78.4	79.1	79.4	79.5	79.5	79.6	79.6	79.6	79.7	79.7	79.7	79.8	79.8	79.9
GE 4000	77.7	79.2	79.7	80.4	80.8	80.8	80.8	80.9	80.9	81.0	81.0	81.0	81.0	81.1	81.1	81.2
GE 3500	78.4	79.9	80.4	81.2	81.6	81.6	81.6	81.7	81.7	81.8	81.8	81.8	81.8	81.9	81.9	82.0
GE 3000	79.9	81.6	82.2	82.9	83.3	83.4	83.4	83.5	83.5	83.6	83.6	83.6	83.7	83.7	83.7	83.9
GE 2500	81.0	82.8	83.4	84.2	84.6	84.7	84.7	84.8	84.8	84.9	84.9	84.9	85.0	85.0	85.0	85.2
GE 2000	82.7	84.6	85.4	86.2	86.7	86.8	86.8	86.9	87.0	87.0	87.1	87.1	87.1	87.2	87.2	87.3
GE 1800	83.1	85.1	85.8	86.7	87.2	87.2	87.3	87.4	87.4	87.5	87.5	87.5	87.6	87.6	87.6	87.8
GE 1500	84.3	86.3	87.2	88.0	88.6	88.6	88.7	88.8	88.8	88.9	88.9	88.9	89.0	89.0	89.1	89.2
GE 1200	85.1	87.3	88.2	89.1	89.7	89.7	89.8	89.9	89.9	90.0	90.0	90.0	90.1	90.1	90.2	90.3
GE 1000	85.9	88.3	89.3	90.3	91.0	91.0	91.1	91.2	91.2	91.4	91.4	91.4	91.5	91.5	91.5	91.7
GE 900	86.2	88.6	89.7	90.6	91.3	91.4	91.5	91.6	91.7	91.8	91.8	91.8	91.9	91.9	91.9	92.1
GE 800	86.9	89.4	90.6	91.7	92.5	92.6	92.7	93.0	93.0	93.1	93.2	93.2	93.2	93.3	93.3	93.5
GE 700	87.2	89.8	91.3	92.5	93.4	93.5	93.6	93.8	93.9	94.0	94.1	94.1	94.1	94.2	94.2	94.4
GE 600	87.4	90.1	91.7	93.0	94.0	94.0	94.2	94.4	94.5	94.6	94.7	94.7	94.8	94.8	94.8	95.0
GE 500	87.6	90.4	92.3	93.9	95.1	95.2	95.5	95.8	95.9	96.1	96.2	96.2	96.2	96.3	96.3	96.5
GE 400	87.8	90.7	92.7	94.5	95.9	96.0	96.5	96.8	96.9	97.1	97.2	97.2	97.3	97.4	97.4	97.6
GE 300	87.9	90.8	92.9	94.8	96.4	96.6	97.1	97.6	97.6	97.9	98.1	98.1	98.2	98.3	98.3	98.5
GE 200	87.9	90.8	92.9	94.9	96.5	96.7	97.3	97.8	97.9	98.3	98.4	98.4	98.7	98.8	98.8	99.0
GE 100	87.9	90.8	92.9	94.9	96.5	96.7	97.4	97.9	98.0	98.5	98.8	98.8	99.1	99.2	99.3	99.8
GE 000	87.9	90.8	92.9	94.9	96.5	96.7	97.4	97.9	98.0	98.5	98.8	98.8	99.1	99.2	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS 7440

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723535

STATION NAME: VANCE AFB OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: NOV HOURS: 00-02

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	63.8	64.4	65.3	65.6	65.6	65.6	65.8	65.8	65.8	66.0	66.0	66.0	66.1	66.2	66.2	66.3
GE 20000	69.2	69.9	70.9	71.2	71.3	71.3	71.6	71.6	71.6	71.8	71.8	71.8	72.0	72.1	72.1	72.2
GE 18000	69.2	69.9	70.9	71.2	71.3	71.3	71.6	71.6	71.6	71.8	71.8	71.8	72.0	72.1	72.1	72.2
GE 16000	69.2	69.9	70.9	71.2	71.3	71.3	71.6	71.6	71.6	71.8	71.8	71.8	72.0	72.1	72.1	72.2
GE 14000	69.7	70.3	71.3	71.7	71.8	71.8	72.0	72.0	72.0	72.2	72.2	72.2	72.4	72.6	72.6	72.7
GE 12000	70.9	71.6	72.6	72.9	73.0	73.0	73.2	73.2	73.2	73.4	73.4	73.4	73.7	73.8	73.8	73.9
GE 10000	72.4	73.2	74.2	74.6	74.8	74.9	75.1	75.1	75.1	75.3	75.3	75.3	75.6	75.7	75.7	75.8
GE 9000	72.6	73.3	74.3	74.7	74.9	75.0	75.2	75.2	75.2	75.4	75.4	75.4	75.7	75.8	75.8	75.9
GE 8000	73.7	74.4	75.4	75.8	76.0	76.1	76.3	76.3	76.3	76.6	76.6	76.6	76.8	76.9	76.9	77.0
GE 7000	74.0	74.8	75.8	76.1	76.3	76.4	76.7	76.7	76.7	76.9	76.9	76.9	77.1	77.2	77.2	77.3
GE 6000	74.4	75.2	76.2	76.6	76.8	76.9	77.1	77.1	77.1	77.3	77.3	77.3	77.6	77.7	77.7	77.8
GE 5000	75.6	76.3	77.3	77.7	77.9	78.0	78.2	78.2	78.2	78.4	78.4	78.4	78.7	78.8	78.8	78.9
GE 4500	75.9	76.7	77.7	78.0	78.2	78.3	78.6	78.6	78.6	78.8	78.8	78.8	79.0	79.1	79.1	79.2
GE 4000	76.4	77.2	78.2	78.6	78.8	78.9	79.1	79.1	79.1	79.3	79.3	79.3	79.6	79.7	79.7	79.8
GE 3500	77.2	78.0	79.0	79.4	79.7	79.8	80.0	80.0	80.0	80.2	80.2	80.2	80.4	80.6	80.6	80.7
GE 3000	78.0	78.9	79.9	80.3	80.6	80.7	80.9	80.9	80.9	81.1	81.1	81.1	81.3	81.4	81.4	81.6
GE 2500	79.8	80.7	81.7	82.1	82.3	82.4	82.7	82.7	82.7	82.9	82.9	82.9	83.1	83.2	83.2	83.3
GE 2000	80.7	81.6	82.6	83.0	83.2	83.3	83.6	83.6	83.6	83.8	83.8	83.8	84.0	84.1	84.1	84.2
GE 1800	81.1	82.0	83.0	83.4	83.7	83.8	84.0	84.0	84.0	84.2	84.2	84.2	84.4	84.6	84.6	84.7
GE 1500	81.4	82.4	83.4	83.9	84.2	84.3	84.6	84.6	84.6	84.8	84.8	84.8	85.0	85.1	85.1	85.2
GE 1200	82.4	84.1	85.1	85.6	85.9	86.0	86.2	86.2	86.2	86.4	86.4	86.4	86.7	86.8	86.8	86.9
GE 1000	83.4	85.3	86.3	87.0	87.4	87.6	87.8	87.8	87.9	88.1	88.1	88.1	88.3	88.4	88.4	88.6
GE 900	84.4	86.3	87.3	88.0	88.8	88.9	89.1	89.1	89.2	89.4	89.4	89.4	89.7	89.8	89.8	89.9
GE 800	85.7	87.8	89.0	89.8	90.7	90.9	91.3	91.3	91.4	91.7	91.7	91.7	91.9	92.0	92.0	92.1
GE 700	85.8	88.0	89.2	90.0	91.0	91.2	91.7	91.7	91.8	92.0	92.0	92.0	92.2	92.3	92.3	92.4
GE 600	86.3	88.6	89.8	90.8	91.8	92.0	92.4	92.4	92.7	92.9	93.0	93.0	93.2	93.3	93.3	93.4
GE 500	87.1	89.4	91.1	92.2	93.2	93.4	94.0	94.0	94.2	94.4	94.6	94.6	94.8	94.9	94.9	95.0
GE 400	87.1	89.4	91.3	93.1	94.7	94.9	95.4	95.4	96.0	96.2	96.3	96.3	96.7	96.8	96.8	96.9
GE 300	87.1	89.6	91.6	93.6	95.1	95.3	95.9	96.0	96.6	96.8	96.9	96.9	97.3	97.4	97.4	97.6
GE 200	87.1	89.6	91.6	93.6	95.2	95.4	96.2	96.3	96.9	97.2	97.8	97.8	98.2	98.3	98.3	98.4
GE 100	87.1	89.6	91.6	93.6	95.2	95.4	96.2	96.3	96.9	97.2	97.9	97.9	98.6	98.7	99.0	99.2
GE 000	87.1	89.6	91.6	93.6	95.2	95.4	96.2	96.3	96.9	97.2	97.9	97.9	98.6	98.7	99.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723535

STATION NAME: VANCE AFB OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: NOV HOURS: 03-05

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	63.2	63.4	64.2	65.0	65.1	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.9	66.0	66.0	66.2
GE 2000	67.2	67.4	68.2	69.0	69.1	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.9	70.0	70.0	70.6
GE 18000	67.2	67.4	68.2	69.0	69.1	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.9	70.0	70.0	70.6
GE 16000	67.2	67.4	68.2	69.0	69.1	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.9	70.0	70.0	70.6
GE 14000	67.2	67.4	68.2	69.0	69.1	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.9	70.0	70.0	70.6
GE 12000	68.7	68.9	69.7	70.4	70.6	70.8	70.8	70.8	70.8	70.8	70.8	70.8	71.3	71.4	71.4	72.0
GE 10000	71.7	72.1	73.1	73.9	74.0	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.8	74.9	74.9	75.4
GE 9000	71.7	72.1	73.1	73.9	74.0	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.8	74.9	74.9	75.4
GE 8000	72.6	73.0	74.0	74.8	74.9	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.7	75.8	75.8	76.3
GE 7000	72.6	73.0	74.0	74.8	74.9	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.7	75.8	75.8	76.3
GE 6000	73.0	73.4	74.6	75.6	75.7	75.9	75.9	75.9	75.9	75.9	75.9	75.9	76.4	76.6	76.6	77.1
GE 5000	73.3	73.8	74.9	75.9	76.0	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.8	76.9	76.9	77.4
GE 4500	73.8	74.2	75.3	76.3	76.4	76.7	76.7	76.7	76.7	76.7	76.7	76.7	77.2	77.3	77.3	77.9
GE 4000	74.4	74.9	76.1	77.2	77.3	77.6	77.6	77.6	77.6	77.6	77.6	77.6	78.1	78.2	78.2	78.8
GE 3500	75.2	75.7	76.9	78.0	78.1	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.9	79.0	79.0	79.6
GE 3000	76.2	76.7	77.9	79.0	79.1	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.9	80.0	80.0	80.6
GE 2500	77.1	77.8	79.0	80.1	80.2	80.4	80.4	80.4	80.4	80.4	80.4	80.4	81.0	81.1	81.1	81.7
GE 2000	78.4	79.1	80.6	81.7	81.8	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.6	82.7	82.7	83.2
GE 1800	78.9	79.6	81.0	82.1	82.2	82.4	82.4	82.4	82.4	82.4	82.4	82.4	83.0	83.1	83.1	83.7
GE 1500	79.7	80.4	81.9	83.0	83.1	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.9	84.0	84.0	84.6
GE 1200	81.0	82.2	83.9	85.0	85.2	85.4	85.4	85.4	85.4	85.4	85.4	85.4	86.0	86.1	86.1	86.7
GE 1000	82.3	83.7	85.4	86.6	86.8	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.6	87.7	87.7	88.2
GE 900	82.8	84.3	86.1	87.2	87.4	87.7	87.7	87.7	87.7	87.8	87.8	87.8	88.3	88.4	88.4	89.0
GE 800	83.4	85.0	86.8	88.0	88.2	88.4	88.4	88.4	88.8	88.8	88.8	88.8	89.3	89.4	89.4	90.0
GE 700	84.0	85.8	87.7	89.3	89.8	90.0	90.0	90.1	90.4	90.6	90.6	90.6	91.1	91.2	91.2	91.8
GE 600	84.1	85.9	87.9	89.7	90.8	91.0	91.0	91.1	91.6	91.8	91.8	91.8	92.3	92.4	92.4	93.0
GE 500	84.4	86.4	88.4	90.4	91.9	92.1	92.2	92.3	92.9	93.1	93.1	93.1	93.7	93.8	93.8	94.3
GE 400	84.6	86.7	88.8	91.4	93.4	93.7	93.9	94.0	94.6	94.8	94.8	94.8	95.3	95.4	95.4	96.0
GE 300	84.6	86.9	89.3	92.2	94.3	94.6	94.8	94.9	95.4	95.9	95.9	95.9	96.6	96.7	96.7	97.2
GE 200	84.6	86.9	89.3	92.2	94.3	94.6	94.8	94.9	95.4	96.1	96.6	96.6	97.6	97.7	97.7	98.3
GE 100	84.6	86.9	89.3	92.2	94.4	94.7	94.9	95.2	95.8	96.4	96.9	96.9	98.1	98.2	98.7	99.7
GE 000	84.6	86.9	89.3	92.2	94.4	94.7	94.9	95.2	95.8	96.4	96.9	96.9	98.1	98.2	98.7	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723535

STATION NAME: VANCE AFB OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: NOV HOURS: 06-08

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO (EIL	55.7	56.6	57.6	57.9	58.2	58.4	58.6	58.9	59.1	59.2	59.2	59.2	59.4	59.4	59.6	59.6
GE 20000	60.9	62.0	63.3	64.1	64.7	64.9	65.0	65.3	65.6	65.7	65.7	65.7	65.9	65.9	66.0	66.0
GE 18000	61.0	62.1	63.4	64.2	64.8	65.0	65.1	65.4	65.7	65.8	65.8	65.8	66.0	66.0	66.1	66.1
GE 16000	61.0	62.1	63.4	64.2	64.8	65.0	65.1	65.4	65.7	65.8	65.8	65.8	66.0	66.0	66.1	66.1
GE 14000	61.2	62.3	63.7	64.4	65.0	65.2	65.3	65.7	65.9	66.0	66.0	66.0	66.2	66.2	66.3	66.3
GE 12000	62.9	64.0	65.4	66.2	66.8	67.0	67.1	67.4	67.7	67.8	67.8	67.8	68.0	68.0	68.1	68.1
GE 10000	65.2	66.3	67.9	68.7	69.2	69.4	69.6	69.9	70.1	70.2	70.2	70.2	70.4	70.4	70.6	70.6
GE 9000	65.4	66.6	68.1	68.9	69.4	69.7	69.8	70.1	70.3	70.4	70.4	70.4	70.7	70.7	70.8	70.8
GE 8000	67.2	68.3	69.9	70.7	71.3	71.6	71.7	72.0	72.2	72.3	72.3	72.3	72.6	72.6	72.7	72.7
GE 7000	67.3	68.4	70.0	70.8	71.4	71.7	71.8	72.1	72.3	72.4	72.4	72.4	72.7	72.7	72.8	72.9
GE 6000	67.8	68.9	70.4	71.2	71.9	72.1	72.2	72.6	72.8	72.9	72.9	72.9	73.1	73.1	73.2	73.3
GE 5000	68.2	69.3	70.9	71.7	72.3	72.6	72.7	73.0	73.2	73.3	73.3	73.3	73.6	73.6	73.7	73.8
GE 4500	68.6	69.7	71.2	72.0	72.7	72.9	73.0	73.3	73.6	73.7	73.7	73.7	73.9	73.9	74.0	74.1
GE 4000	68.8	69.9	71.6	72.7	73.3	73.6	73.7	74.0	74.2	74.3	74.3	74.3	74.6	74.6	74.7	74.8
GE 3500	69.6	70.7	72.3	73.4	74.1	74.3	74.4	74.8	75.0	75.1	75.1	75.1	75.3	75.3	75.4	75.6
GE 3000	71.1	72.2	73.9	75.0	75.7	75.9	76.0	76.3	76.6	76.7	76.7	76.7	76.9	76.9	77.1	77.3
GE 2500	72.3	73.4	75.1	76.2	76.9	77.1	77.2	77.6	77.8	77.9	77.9	77.9	78.1	78.1	78.3	78.6
GE 2000	73.9	75.0	76.8	77.9	78.6	78.8	78.9	79.2	79.4	79.6	79.6	79.6	79.8	79.8	80.0	80.2
GE 1800	74.3	75.4	77.2	78.3	79.0	79.2	79.3	79.7	79.9	80.0	80.0	80.0	80.2	80.2	80.4	80.7
GE 1500	75.8	77.0	78.9	80.1	80.8	81.0	81.2	81.6	81.8	81.9	81.9	81.9	82.1	82.1	82.3	82.6
GE 1200	77.0	78.2	80.6	81.8	82.4	82.7	82.9	83.2	83.4	83.6	83.6	83.6	83.9	83.9	84.1	84.3
GE 1000	78.4	79.9	82.4	83.7	84.4	84.7	85.2	85.6	85.8	86.0	86.0	86.0	86.3	86.3	86.6	86.8
GE 900	78.8	80.6	83.3	84.9	85.7	85.9	86.4	86.8	87.0	87.2	87.2	87.2	87.6	87.6	87.8	88.0
GE 800	79.1	81.4	84.3	85.9	86.8	87.0	87.6	87.9	88.1	88.3	88.3	88.3	88.7	88.7	88.9	89.1
GE 700	79.7	82.3	85.2	86.9	87.9	88.1	88.8	89.1	89.3	89.6	89.6	89.6	90.0	90.0	90.2	90.4
GE 600	80.0	82.8	85.9	87.7	88.8	89.0	89.8	90.1	90.3	90.8	90.8	90.8	91.2	91.2	91.4	91.7
GE 500	80.2	83.0	86.6	88.9	90.1	90.4	91.4	91.9	92.1	92.7	92.7	92.7	93.1	93.1	93.3	93.6
GE 400	80.2	83.1	87.0	90.6	92.2	92.6	93.7	94.1	94.3	94.9	94.9	94.9	95.3	95.3	95.6	95.8
GE 300	80.2	83.1	87.1	90.8	92.4	92.9	94.0	94.7	94.9	96.0	96.2	96.2	96.9	96.9	97.1	97.3
GE 200	80.2	83.1	87.2	91.0	92.7	93.2	94.3	95.0	95.2	96.4	97.1	97.1	98.2	98.2	98.4	98.9
GE 100	80.2	83.1	87.2	91.0	92.7	93.2	94.3	95.0	95.2	96.6	97.4	97.4	98.7	98.7	99.0	99.9
GE 000	80.2	83.1	87.2	91.0	92.7	93.2	94.3	95.0	95.2	96.6	97.4	97.4	98.7	98.7	99.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723535

STATION NAME: VANCE AFB OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: NOV HOURS: 09-11

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	54.9	55.3	56.0	56.2	56.2	56.3	56.3	56.3	56.3	56.5	56.5	56.5	56.5	56.5	56.5	56.5
GE 20000	62.1	62.6	63.3	63.7	64.0	64.1	64.1	64.1	64.1	64.3	64.3	64.3	64.3	64.3	64.3	64.3
GE 18000	62.5	62.9	63.6	64.0	64.4	64.5	64.5	64.5	64.5	64.6	64.6	64.6	64.6	64.6	64.6	64.6
GE 16000	62.6	63.0	63.7	64.1	64.5	64.6	64.6	64.6	64.6	64.7	64.7	64.7	64.7	64.7	64.7	64.7
GE 14000	63.8	64.3	64.9	65.4	65.7	65.8	65.8	65.8	65.8	65.9	65.9	65.9	65.9	65.9	65.9	65.9
GE 12000	65.4	65.8	66.5	67.0	67.4	67.5	67.5	67.5	67.5	67.6	67.6	67.6	67.6	67.6	67.6	67.6
GE 10000	66.7	67.1	67.9	68.5	68.8	68.9	68.9	68.9	68.9	69.0	69.0	69.0	69.0	69.0	69.0	69.0
GE 9000	66.8	67.3	68.0	68.6	68.9	69.0	69.0	69.0	69.0	69.2	69.2	69.2	69.2	69.2	69.2	69.2
GE 8000	68.5	68.9	69.7	70.5	70.8	70.9	70.9	70.9	70.9	71.0	71.0	71.0	71.0	71.0	71.0	71.0
GE 7000	68.7	69.4	70.2	70.9	71.3	71.4	71.4	71.4	71.4	71.5	71.5	71.5	71.5	71.5	71.5	71.5
GE 6000	69.3	69.9	70.7	71.5	71.8	71.9	71.9	71.9	71.9	72.0	72.0	72.0	72.0	72.0	72.0	72.0
GE 5000	70.2	70.8	71.6	72.5	72.8	72.9	72.9	72.9	72.9	73.1	73.1	73.1	73.1	73.1	73.1	73.1
GE 4500	70.6	71.3	72.0	72.9	73.3	73.4	73.4	73.4	73.4	73.5	73.5	73.5	73.5	73.5	73.5	73.5
GE 4000	70.8	71.5	72.5	73.5	73.8	73.9	73.9	73.9	73.9	74.1	74.1	74.1	74.1	74.1	74.1	74.1
GE 3500	71.3	71.9	72.9	74.1	74.4	74.5	74.5	74.5	74.5	74.6	74.6	74.6	74.6	74.6	74.6	74.6
GE 3000	72.7	73.8	74.9	76.1	76.4	76.5	76.5	76.5	76.5	76.6	76.6	76.6	76.6	76.6	76.6	76.6
GE 2500	74.2	75.4	76.5	77.6	78.0	78.1	78.1	78.1	78.1	78.2	78.2	78.2	78.2	78.2	78.2	78.2
GE 2000	75.3	76.5	77.6	78.8	79.2	79.4	79.4	79.4	79.4	79.5	79.5	79.5	79.5	79.5	79.5	79.5
GE 1800	76.1	77.3	78.4	79.6	80.0	80.2	80.2	80.2	80.2	80.3	80.3	80.3	80.3	80.3	80.3	80.3
GE 1500	77.6	78.8	80.1	81.4	81.7	82.0	82.1	82.1	82.1	82.2	82.2	82.2	82.2	82.2	82.2	82.2
GE 1200	79.6	81.2	82.7	84.2	84.5	84.7	84.9	84.9	84.9	85.0	85.0	85.0	85.0	85.0	85.0	85.0
GE 1000	80.8	82.6	84.4	86.4	86.9	87.1	87.2	87.2	87.2	87.3	87.4	87.4	87.4	87.4	87.4	87.4
GE 900	81.3	83.3	85.2	87.3	87.8	88.0	88.1	88.1	88.1	88.2	88.3	88.3	88.3	88.3	88.3	88.3
GE 800	82.1	84.7	86.9	89.0	89.9	90.1	90.2	90.2	90.2	90.3	90.4	90.4	90.5	90.5	90.5	90.5
GE 700	82.4	85.5	87.8	89.9	90.9	91.1	91.3	91.3	91.3	91.5	91.6	91.6	91.8	91.8	91.8	91.8
GE 600	82.4	85.5	87.8	90.0	91.0	91.2	91.4	91.4	91.5	91.8	91.9	91.9	92.0	92.0	92.0	92.0
GE 500	82.4	85.7	88.0	90.5	91.6	92.0	92.3	92.3	92.7	93.2	93.3	93.3	93.4	93.4	93.4	93.4
GE 400	82.4	86.1	88.8	91.5	92.9	93.5	94.0	94.0	94.4	95.0	95.1	95.1	95.2	95.2	95.2	95.2
GE 300	82.5	86.2	88.9	91.6	93.1	93.9	94.9	95.2	96.0	97.0	97.2	97.2	97.3	97.3	97.3	97.6
GE 200	82.5	86.2	89.1	91.9	93.3	94.2	95.3	95.7	96.5	98.0	98.3	98.3	99.1	99.2	99.3	99.6
GE 100	82.5	86.2	89.1	91.9	93.3	94.2	95.3	95.7	96.7	98.1	98.4	98.4	99.3	99.4	99.6	100.0
GE 000	82.5	86.2	89.1	91.9	93.3	94.2	95.3	95.7	96.7	98.1	98.4	98.4	99.3	99.4	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 898

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723535

STATION NAME: VANCE AFB OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: NOV HOURS: 12-14

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	57.3	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4
GE 20000	65.3	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7
GE 18000	65.7	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0
GE 16000	66.0	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3
GE 14000	66.4	66.8	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9
GE 12000	67.7	68.0	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1
GE 10000	68.8	69.3	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4
GE 9000	69.0	69.6	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7
GE 8000	70.4	71.1	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2
GE 7000	70.8	71.4	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
GE 6000	71.0	71.9	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0
GE 5000	71.8	72.7	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8
GE 4500	72.0	72.9	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0
GE 4000	72.2	73.1	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.3	73.3	73.3	73.3	73.3	73.3	73.3
GE 3500	72.9	73.8	73.9	74.0	74.0	74.0	74.0	74.0	74.0	74.1	74.1	74.1	74.1	74.1	74.1	74.1
GE 3000	74.1	75.0	75.1	75.2	75.2	75.3	75.3	75.3	75.3	75.4	75.4	75.4	75.4	75.4	75.4	75.4
GE 2500	76.1	77.0	77.1	77.3	77.3	77.4	77.4	77.4	77.4	77.6	77.6	77.6	77.6	77.6	77.6	77.6
GE 2000	79.0	80.0	80.2	80.4	80.4	80.6	80.6	80.6	80.6	80.7	80.7	80.7	80.7	80.7	80.7	80.7
GE 1800	80.2	81.2	81.4	81.9	81.9	82.0	82.0	82.0	82.0	82.1	82.1	82.1	82.1	82.1	82.1	82.1
GE 1500	81.8	82.8	83.0	83.6	83.8	83.9	84.0	84.0	84.0	84.1	84.1	84.1	84.1	84.1	84.1	84.1
GE 1200	83.7	84.9	85.7	86.3	86.8	86.9	87.0	87.0	87.0	87.1	87.1	87.1	87.1	87.1	87.1	87.1
GE 1000	84.2	85.6	86.6	87.3	87.8	87.9	88.0	88.0	88.0	88.1	88.1	88.1	88.1	88.1	88.1	88.1
GE 900	85.1	86.6	87.7	88.4	88.9	89.1	89.2	89.2	89.2	89.3	89.3	89.3	89.3	89.3	89.3	89.3
GE 800	85.2	86.7	87.9	88.8	89.2	89.6	89.7	89.7	89.7	89.8	89.8	89.8	89.8	89.8	89.8	89.8
GE 700	85.3	87.7	89.1	90.0	90.6	90.9	91.0	91.0	91.0	91.1	91.1	91.1	91.1	91.1	91.1	91.1
GE 600	85.4	87.9	89.4	90.6	91.4	92.0	92.1	92.2	92.2	92.3	92.3	92.3	92.3	92.3	92.3	92.3
GE 500	85.4	88.6	90.8	92.6	93.7	94.3	94.4	94.8	94.9	95.0	95.0	95.0	95.1	95.2	95.2	95.2
GE 400	85.4	88.7	90.9	93.0	94.2	95.1	95.6	96.0	96.2	96.7	96.8	96.8	96.9	97.0	97.0	97.0
GE 300	85.4	88.9	91.1	93.3	95.2	96.1	96.7	97.3	97.7	98.3	98.7	98.7	98.8	98.9	99.0	99.0
GE 200	85.4	88.9	91.1	93.3	95.3	96.4	97.1	98.1	98.4	99.3	99.7	99.7	99.8	99.9	100.0	100.0
GE 100	85.4	88.9	91.1	93.3	95.3	96.4	97.1	98.1	98.4	99.3	99.7	99.7	99.8	99.9	100.0	100.0
GE 000	85.4	88.9	91.1	93.3	95.3	96.4	97.1	98.1	98.4	99.3	99.7	99.7	99.8	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723535

STATION NAME: VANCE AFB OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: NOV HOURS: 15-17

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	56.8	56.8	57.1	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4
GE 20000	67.2	67.3	68.0	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3
GE 18000	67.2	67.3	68.0	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3
GE 16000	67.8	67.9	68.6	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9
GE 14000	68.4	68.7	69.4	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8
GE 12000	69.6	69.8	70.6	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9
GE 10000	71.1	71.3	72.1	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4
GE 9000	71.4	71.8	72.6	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9
GE 8000	72.9	73.3	74.1	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4
GE 7000	73.0	73.4	74.2	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6
GE 6000	73.0	73.4	74.2	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6
GE 5000	73.4	73.9	74.7	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0
GE 4500	74.0	74.4	75.2	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6
GE 4000	75.2	75.7	76.4	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
GE 3500	76.0	76.4	77.3	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7
GE 3000	76.7	77.1	78.0	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3
GE 2500	79.3	79.8	80.7	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2
GE 2000	81.6	82.0	83.1	83.7	83.7	83.7	83.7	83.7	83.7	83.8	83.8	83.8	83.8	83.8	83.8	83.8
GE 1800	82.0	82.4	83.6	84.2	84.2	84.2	84.2	84.2	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3
GE 1500	83.3	83.9	85.3	86.4	86.4	86.4	86.6	86.6	86.6	86.7	86.7	86.7	86.7	86.7	86.7	86.7
GE 1200	85.1	86.3	87.9	89.1	89.2	89.2	89.3	89.3	89.3	89.4	89.4	89.4	89.4	89.4	89.4	89.4
GE 1000	85.9	87.1	89.0	90.3	90.7	90.8	90.9	90.9	90.9	91.0	91.0	91.0	91.0	91.0	91.0	91.0
GE 900	86.2	87.4	89.7	91.0	91.3	91.4	91.7	91.7	91.7	91.8	91.8	91.8	91.8	91.8	91.8	91.8
GE 800	86.9	88.3	90.9	92.2	92.6	92.7	92.9	92.9	92.9	93.0	93.0	93.0	93.0	93.0	93.0	93.0
GE 700	86.9	88.6	91.3	92.9	93.3	93.4	93.7	93.8	93.8	93.9	93.9	93.9	93.9	93.9	93.9	93.9
GE 600	87.1	88.8	91.7	93.6	94.3	94.4	94.7	94.8	94.8	94.9	94.9	94.9	94.9	94.9	94.9	94.9
GE 500	87.1	89.1	92.4	94.8	95.9	96.0	96.3	96.4	96.4	96.6	96.6	96.6	96.6	96.6	96.6	96.6
GE 400	87.2	89.2	92.7	95.3	96.6	96.8	97.4	97.7	97.7	98.1	98.1	98.1	98.1	98.1	98.1	98.1
GE 300	87.2	89.4	92.9	95.8	97.4	97.7	98.3	98.6	98.6	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 200	87.2	89.4	92.9	95.8	97.4	97.7	98.3	98.6	98.6	99.3	99.6	99.6	99.7	99.7	99.7	99.7
GE 100	87.2	89.4	92.9	95.8	97.4	97.7	98.3	98.6	98.6	99.3	99.7	99.7	99.8	99.8	99.8	99.8
GE 000	87.2	89.4	92.9	95.8	97.4	97.7	98.3	98.6	98.6	99.3	99.7	99.7	99.8	99.8	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723535

STATION NAME: VANCE AFB OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: NOV HOURS: 18-20

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	63.6	63.8	63.8	63.8	63.9	63.9	63.9	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1
GE 20000	69.6	69.9	70.1	70.3	70.4	70.4	70.4	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7
GE 18000	69.6	69.9	70.1	70.3	70.4	70.4	70.4	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7
GE 16000	69.9	70.2	70.4	70.7	70.8	70.8	70.8	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
GE 14000	70.0	70.3	70.6	70.8	70.9	70.9	70.9	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1
GE 12000	71.4	71.8	72.0	72.2	72.3	72.3	72.3	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6
GE 10000	73.7	74.0	74.2	74.4	74.6	74.6	74.6	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8
GE 9000	74.1	74.6	74.8	75.0	75.1	75.1	75.1	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3
GE 8000	75.8	76.2	76.4	76.7	76.8	76.8	76.8	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0
GE 7000	76.0	76.4	76.7	76.9	77.0	77.0	77.0	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2
GE 6000	76.1	76.6	76.8	77.0	77.1	77.1	77.1	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
GE 5000	76.7	77.1	77.3	77.6	77.7	77.7	77.7	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9
GE 4500	76.8	77.2	77.4	77.7	77.8	77.8	77.8	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0
GE 4000	77.4	77.9	78.1	78.4	78.6	78.6	78.6	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8
GE 3500	78.2	78.7	79.0	79.3	79.4	79.4	79.4	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7
GE 3000	79.2	79.7	80.0	80.4	80.6	80.6	80.6	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8
GE 2500	80.9	81.3	81.7	82.6	82.8	82.8	82.8	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0
GE 2000	82.1	82.6	83.1	84.0	84.2	84.2	84.2	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4
GE 1800	82.9	83.3	83.9	85.0	85.2	85.2	85.2	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4
GE 1500	84.3	85.1	86.0	87.4	87.8	87.8	87.8	88.0	88.0	88.0	88.0	88.0	88.1	88.1	88.1	88.1
GE 1200	84.9	86.1	87.0	88.4	88.9	88.9	88.9	89.1	89.1	89.1	89.1	89.1	89.2	89.2	89.2	89.2
GE 1000	85.2	86.6	87.4	89.4	89.9	89.9	89.9	90.1	90.1	90.1	90.1	90.1	90.2	90.2	90.2	90.2
GE 900	86.1	87.7	88.9	91.1	91.7	91.7	91.7	91.9	91.9	91.9	91.9	91.9	92.0	92.0	92.0	92.0
GE 800	86.6	88.3	90.1	92.6	93.1	93.1	93.1	93.3	93.3	93.3	93.3	93.3	93.4	93.4	93.4	93.4
GE 700	86.9	88.7	90.6	93.1	93.9	93.9	93.9	94.1	94.1	94.1	94.2	94.2	94.3	94.3	94.3	94.3
GE 600	87.0	88.9	90.9	93.7	94.4	94.4	94.4	94.7	94.7	94.7	94.8	94.8	94.9	94.9	94.9	94.9
GE 500	87.2	89.1	91.3	94.3	95.4	95.4	95.7	95.9	96.2	96.2	96.3	96.3	96.4	96.4	96.4	96.4
GE 400	87.4	89.7	92.0	95.1	96.4	96.6	97.0	97.2	97.7	97.7	97.8	97.8	98.1	98.1	98.1	98.1
GE 300	87.4	89.7	92.0	95.6	96.9	97.0	97.7	98.0	98.4	98.4	98.6	98.6	98.9	98.9	98.9	98.9
GE 200	87.4	89.7	92.0	95.6	96.9	97.0	97.7	98.0	98.6	98.7	98.8	98.8	99.2	99.2	99.3	99.6
GE 100	87.4	89.7	92.0	95.6	96.9	97.0	97.7	98.0	98.6	98.7	98.8	98.8	99.3	99.3	99.7	99.9
GE 000	87.4	89.7	92.0	95.6	96.9	97.0	97.7	98.0	98.6	98.7	98.8	98.8	99.3	99.3	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723535

STATION NAME: VANCE AFB OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: NOV HOURS: 21-23

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	66.2	66.3	66.4	66.7	67.0	67.0	67.0	67.0	67.0	67.2	67.2	67.2	67.2	67.2	67.2	67.2
GE 20000	71.2	71.3	71.4	71.7	72.0	72.0	72.2	72.2	72.2	72.4	72.4	72.4	72.4	72.4	72.4	72.6
GE 18000	71.3	71.4	71.6	71.8	72.1	72.1	72.3	72.3	72.3	72.6	72.6	72.6	72.6	72.6	72.6	72.7
GE 16000	71.3	71.4	71.6	71.8	72.1	72.1	72.3	72.3	72.3	72.6	72.6	72.6	72.6	72.6	72.6	72.7
GE 14000	71.4	71.6	71.7	71.9	72.2	72.2	72.4	72.4	72.4	72.7	72.7	72.7	72.7	72.7	72.7	72.8
GE 12000	72.6	72.7	72.8	73.0	73.3	73.3	73.6	73.6	73.6	73.8	73.8	73.8	73.8	73.8	73.8	73.9
GE 10000	74.1	74.2	74.3	74.6	74.9	74.9	75.1	75.1	75.1	75.3	75.3	75.3	75.3	75.3	75.3	75.4
GE 9000	74.4	74.7	74.8	75.0	75.3	75.3	75.6	75.6	75.6	75.8	75.8	75.8	75.8	75.8	75.8	75.9
GE 8000	75.9	76.1	76.2	76.4	76.8	76.8	77.0	77.0	77.0	77.2	77.2	77.2	77.2	77.2	77.2	77.3
GE 7000	76.1	76.3	76.4	76.7	77.0	77.0	77.2	77.2	77.2	77.4	77.4	77.4	77.4	77.4	77.4	77.6
GE 6000	76.6	76.8	76.9	77.1	77.4	77.4	77.7	77.7	77.7	77.9	77.9	77.9	77.9	77.9	77.9	78.0
GE 5000	77.0	77.3	77.4	77.7	78.1	78.1	78.3	78.3	78.3	78.6	78.6	78.6	78.6	78.6	78.6	78.7
GE 4500	77.4	77.8	77.9	78.1	78.6	78.6	78.8	78.8	78.8	79.0	79.0	79.0	79.0	79.0	79.0	79.1
GE 4000	78.0	78.4	78.7	78.9	79.3	79.3	79.6	79.6	79.6	79.8	79.8	79.8	79.8	79.8	79.8	79.9
GE 3500	79.0	79.4	79.7	79.9	80.3	80.3	80.6	80.6	80.6	80.8	80.8	80.8	80.8	80.8	80.8	80.9
GE 3000	79.7	80.1	80.3	80.6	81.0	81.0	81.2	81.2	81.2	81.4	81.4	81.4	81.4	81.4	81.4	81.6
GE 2500	81.8	82.7	83.0	83.4	83.9	83.9	84.1	84.1	84.1	84.3	84.3	84.3	84.3	84.3	84.3	84.4
GE 2000	82.6	83.9	84.3	84.8	85.2	85.2	85.4	85.4	85.4	85.7	85.7	85.7	85.7	85.7	85.7	85.8
GE 1800	82.7	84.1	84.7	85.1	85.7	85.7	85.9	85.9	85.9	86.1	86.1	86.1	86.1	86.1	86.1	86.2
GE 1500	83.7	85.1	85.7	86.1	86.8	86.8	87.0	87.0	87.0	87.2	87.2	87.2	87.2	87.2	87.2	87.3
GE 1200	84.4	86.4	87.0	87.4	88.1	88.1	88.3	88.3	88.3	88.6	88.6	88.6	88.6	88.6	88.6	88.7
GE 1000	85.6	87.7	88.2	89.3	90.0	90.1	90.3	90.3	90.3	90.6	90.6	90.6	90.6	90.6	90.6	90.7
GE 900	85.7	88.0	88.6	89.9	90.6	90.7	91.0	91.0	91.0	91.2	91.2	91.2	91.2	91.2	91.2	91.3
GE 800	86.6	89.2	89.8	91.2	91.9	92.0	92.4	92.4	92.4	92.7	92.7	92.7	92.7	92.7	92.7	92.8
GE 700	86.7	89.6	90.1	91.6	92.2	92.3	92.9	92.9	92.9	93.1	93.1	93.1	93.1	93.1	93.1	93.2
GE 600	87.1	90.1	90.8	92.3	93.1	93.2	93.8	93.8	93.8	94.0	94.0	94.0	94.0	94.0	94.0	94.1
GE 500	87.3	90.6	91.7	93.6	94.3	94.4	95.0	95.0	95.3	95.6	95.6	95.6	95.7	95.7	95.7	95.8
GE 400	87.3	90.8	91.9	94.3	95.3	95.4	96.1	96.1	96.8	97.0	97.0	97.0	97.2	97.2	97.2	97.3
GE 300	87.3	90.8	91.9	94.7	95.9	96.0	96.9	96.9	97.6	97.8	97.9	97.9	98.1	98.1	98.1	98.2
GE 200	87.3	90.8	91.9	94.7	95.9	96.0	97.1	97.1	97.8	98.0	98.1	98.1	98.3	98.3	98.3	98.4
GE 100	87.3	90.8	91.9	94.7	95.9	96.0	97.1	97.1	97.8	98.0	98.3	98.3	98.6	98.6	98.7	98.8
GE 000	87.3	90.8	91.9	94.7	95.9	96.0	97.1	97.1	97.8	98.0	98.3	98.3	98.6	98.6	99.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723535

STATION NAME: VANCE AFB OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: NOV HOURS: ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	60.2	60.5	61.0	61.3	61.4	61.4	61.5	61.5	61.6	61.7	61.7	61.7	61.8	61.8	61.8	61.9
GE 20000	66.6	67.0	67.6	68.0	68.2	68.3	68.3	68.4	68.4	68.5	68.5	68.5	68.6	68.7	68.7	68.8
GE 18000	66.7	67.1	67.7	68.1	68.3	68.4	68.4	68.5	68.5	68.6	68.6	68.6	68.8	68.8	68.8	68.9
GE 16000	66.9	67.3	67.9	68.3	68.5	68.5	68.6	68.7	68.7	68.8	68.8	68.8	68.9	68.9	69.0	69.1
GE 14000	67.3	67.7	68.3	68.7	68.9	69.0	69.1	69.1	69.2	69.2	69.2	69.2	69.4	69.4	69.4	69.5
GE 12000	68.6	69.1	69.7	70.1	70.3	70.4	70.4	70.5	70.5	70.6	70.6	70.6	70.7	70.8	70.8	70.9
GE 10000	70.5	71.0	71.7	72.1	72.3	72.4	72.4	72.5	72.5	72.6	72.6	72.6	72.7	72.8	72.8	72.9
GE 9000	70.7	71.2	71.9	72.3	72.5	72.6	72.7	72.8	72.8	72.9	72.9	72.9	73.0	73.0	73.0	73.1
GE 8000	72.1	72.7	73.4	73.8	74.0	74.1	74.2	74.3	74.3	74.4	74.4	74.4	74.5	74.5	74.5	74.6
GE 7000	72.3	72.9	73.6	74.0	74.3	74.3	74.4	74.5	74.5	74.6	74.6	74.6	74.7	74.7	74.8	74.9
GE 6000	72.6	73.3	74.0	74.4	74.7	74.7	74.8	74.9	74.9	75.0	75.0	75.0	75.1	75.1	75.2	75.3
GE 5000	73.3	73.9	74.6	75.1	75.3	75.4	75.5	75.5	75.6	75.7	75.7	75.7	75.8	75.8	75.8	75.9
GE 4500	73.6	74.3	75.0	75.5	75.7	75.8	75.8	75.9	75.9	76.0	76.0	76.0	76.1	76.2	76.2	76.3
GE 4000	74.2	74.8	75.6	76.2	76.4	76.5	76.5	76.6	76.6	76.7	76.7	76.7	76.9	76.9	76.9	77.0
GE 3500	74.9	75.6	76.4	77.0	77.2	77.3	77.4	77.4	77.5	77.6	77.6	77.6	77.7	77.7	77.7	77.8
GE 3000	76.0	76.7	77.5	78.1	78.4	78.5	78.5	78.6	78.6	78.7	78.7	78.7	78.8	78.9	78.9	79.0
GE 2500	77.7	78.5	79.3	80.1	80.3	80.4	80.5	80.6	80.6	80.7	80.7	80.7	80.8	80.8	80.9	81.0
GE 2000	79.2	80.1	81.0	81.8	82.0	82.1	82.2	82.3	82.3	82.4	82.4	82.4	82.6	82.6	82.6	82.7
GE 1800	79.8	80.7	81.6	82.5	82.7	82.8	82.9	83.0	83.0	83.1	83.1	83.1	83.2	83.3	83.3	83.4
GE 1500	81.0	82.0	83.0	84.0	84.3	84.4	84.6	84.6	84.7	84.8	84.8	84.8	84.9	84.9	85.0	85.1
GE 1200	82.3	83.7	85.0	86.0	86.4	86.5	86.6	86.7	86.7	86.8	86.8	86.8	87.0	87.0	87.0	87.2
GE 1000	83.2	84.8	86.2	87.5	88.0	88.1	88.3	88.4	88.4	88.5	88.5	88.5	88.7	88.7	88.7	88.9
GE 900	83.8	85.5	87.1	88.5	89.0	89.2	89.4	89.4	89.5	89.6	89.6	89.6	89.8	89.8	89.8	90.0
GE 800	84.4	86.4	88.2	89.7	90.3	90.5	90.7	90.8	90.9	91.0	91.0	91.0	91.2	91.2	91.2	91.3
GE 700	84.7	87.0	88.9	90.5	91.2	91.4	91.7	91.7	91.8	92.0	92.0	92.0	92.2	92.2	92.2	92.4
GE 600	84.9	87.3	89.3	91.0	92.0	92.2	92.5	92.6	92.7	92.9	92.9	92.9	93.1	93.1	93.2	93.3
GE 500	85.2	87.7	90.0	92.2	93.3	93.5	93.9	94.1	94.3	94.6	94.6	94.6	94.8	94.9	94.9	95.0
GE 400	85.2	88.0	90.4	93.1	94.5	94.8	95.4	95.6	96.0	96.3	96.3	96.3	96.6	96.7	96.7	96.8
GE 300	85.2	88.1	90.6	93.4	95.1	95.4	96.1	96.4	96.9	97.4	97.6	97.6	97.9	97.9	98.0	98.1
GE 200	85.2	88.1	90.6	93.5	95.1	95.6	96.4	96.7	97.2	97.9	98.2	98.2	98.8	98.8	98.9	99.1
GE 100	85.2	88.1	90.6	93.5	95.2	95.6	96.4	96.7	97.2	98.0	98.4	98.4	99.0	99.1	99.3	99.7
GE 000	85.2	88.1	90.6	93.5	95.2	95.6	96.4	96.7	97.2	98.0	98.4	98.4	99.0	99.1	99.3	100.0

TOTAL NUMBER OF OBSERVATIONS 7198

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723535

STATION NAME: VANCE AFB OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: DEC HOURS: 00-02

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	59.6	60.3	60.4	60.7	61.3	61.3	61.3	61.4	61.4	61.5	61.5	61.5	61.5	61.5	61.5	61.5
GE 20000	62.5	63.4	63.5	63.8	64.4	64.4	64.4	64.5	64.5	64.7	64.7	64.7	64.7	64.7	64.7	64.8
GE 18000	62.6	63.5	63.6	63.9	64.5	64.5	64.5	64.6	64.6	64.8	64.8	64.8	64.8	64.8	64.8	64.9
GE 16000	62.6	63.5	63.6	63.9	64.5	64.5	64.5	64.6	64.6	64.8	64.8	64.8	64.8	64.8	64.8	64.9
GE 14000	62.6	63.5	63.6	63.9	64.5	64.5	64.5	64.6	64.6	64.8	64.8	64.8	64.8	64.8	64.8	64.9
GE 12000	63.6	64.5	64.6	64.9	65.5	65.5	65.5	65.6	65.6	65.8	65.8	65.8	65.8	65.8	65.8	65.9
GE 10000	65.0	65.9	66.0	66.4	66.9	66.9	66.9	67.0	67.0	67.3	67.3	67.3	67.3	67.3	67.3	67.4
GE 9000	65.5	66.4	66.5	66.8	67.4	67.4	67.4	67.5	67.5	67.7	67.7	67.7	67.7	67.7	67.7	67.8
GE 8000	68.3	69.3	69.5	69.8	70.4	70.4	70.6	70.7	70.7	70.9	70.9	70.9	70.9	70.9	70.9	71.0
GE 7000	68.4	69.4	69.6	69.9	70.5	70.5	70.7	70.8	70.8	71.0	71.0	71.0	71.0	71.0	71.0	71.1
GE 6000	68.8	69.8	70.0	70.4	70.9	70.9	71.1	71.3	71.3	71.5	71.5	71.5	71.5	71.5	71.5	71.6
GE 5000	69.6	70.7	71.4	71.7	72.4	72.4	72.6	72.7	72.7	72.9	72.9	72.9	72.9	72.9	72.9	73.0
GE 4500	70.4	71.8	72.5	72.8	73.5	73.5	73.7	73.8	73.8	74.0	74.0	74.0	74.0	74.0	74.0	74.1
GE 4000	70.9	72.5	73.3	73.6	74.3	74.3	74.5	74.6	74.6	74.8	74.8	74.8	74.8	74.8	74.8	74.9
GE 3500	71.8	73.7	74.6	74.9	75.6	75.6	75.8	75.9	75.9	76.1	76.1	76.1	76.1	76.1	76.1	76.2
GE 3000	73.6	75.6	76.7	77.4	78.1	78.1	78.4	78.5	78.5	78.7	78.7	78.7	78.7	78.7	78.7	78.8
GE 2500	74.1	76.4	77.5	78.1	78.9	78.9	79.1	79.2	79.2	79.5	79.5	79.5	79.5	79.5	79.5	79.6
GE 2000	75.6	77.9	79.0	79.8	80.6	80.6	80.9	81.0	81.0	81.2	81.2	81.2	81.2	81.2	81.2	81.4
GE 1800	76.0	78.5	79.6	80.5	81.2	81.2	81.6	81.7	81.7	81.9	81.9	81.9	81.9	81.9	81.9	82.0
GE 1500	78.0	80.6	81.7	82.6	83.4	83.4	84.2	84.4	84.4	84.6	84.6	84.6	84.6	84.6	84.6	84.7
GE 1200	79.9	82.6	83.7	84.6	85.3	85.3	86.2	86.3	86.3	86.6	86.6	86.6	86.6	86.6	86.6	86.7
GE 1000	80.5	83.2	84.5	85.5	86.2	86.2	87.5	87.6	87.6	87.8	87.8	87.8	87.8	87.8	87.8	87.9
GE 900	81.1	84.0	85.6	86.6	87.6	87.6	88.8	88.9	88.9	89.1	89.1	89.1	89.1	89.1	89.1	89.2
GE 800	82.0	84.9	86.5	87.5	88.6	88.6	89.8	89.9	89.9	90.2	90.5	90.5	90.5	90.5	90.5	90.6
GE 700	82.4	85.5	87.1	88.2	89.6	89.6	90.8	90.9	90.9	91.2	91.5	91.5	91.5	91.5	91.5	91.6
GE 600	82.7	85.8	87.5	88.6	90.0	90.0	91.2	91.3	91.3	91.7	91.9	91.9	91.9	91.9	91.9	92.0
GE 500	82.7	86.7	88.3	89.7	91.1	91.1	92.3	92.5	92.6	92.9	93.1	93.1	93.1	93.2	93.2	93.3
GE 400	82.7	86.9	88.7	90.2	92.1	92.2	93.8	93.9	94.0	94.3	94.6	94.6	94.6	95.0	95.0	95.1
GE 300	82.7	86.9	88.8	90.5	92.6	92.9	94.6	94.7	94.9	95.2	95.6	95.6	95.6	96.0	96.1	96.2
GE 200	82.7	86.9	88.8	90.5	92.7	93.0	94.8	94.9	95.1	95.7	96.1	96.1	96.2	96.8	97.0	97.2
GE 100	82.7	86.9	88.8	90.5	92.7	93.0	94.8	94.9	95.1	95.9	96.3	96.3	96.6	97.1	97.7	98.3
GE 000	82.7	86.9	88.8	90.5	92.7	93.0	94.8	94.9	95.1	95.9	96.3	96.3	96.6	97.1	98.0	100.0

TOTAL NUMBER OF OBSERVATIONS 901

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723535

STATION NAME: VANCE AFB OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: DEC HOURS: 03-05

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	57.9	58.6	58.9	59.3	59.4	59.4	59.6	59.9	59.9	60.1	60.1	60.1	60.2	60.2	60.3	60.6
GE 20000	60.0	60.7	61.1	61.6	61.7	61.7	61.8	62.1	62.1	62.3	62.3	62.3	62.4	62.4	62.6	62.8
GE 18000	60.0	60.7	61.1	61.6	61.7	61.7	61.8	62.1	62.1	62.3	62.3	62.3	62.4	62.4	62.6	62.8
GE 16000	60.0	60.7	61.1	61.6	61.7	61.7	61.8	62.1	62.1	62.3	62.3	62.3	62.4	62.4	62.6	62.8
GE 14000	60.0	60.7	61.1	61.6	61.7	61.7	61.8	62.1	62.1	62.3	62.3	62.3	62.4	62.4	62.6	62.8
GE 12000	61.0	61.7	62.1	62.6	62.7	62.7	62.8	63.1	63.1	63.3	63.3	63.3	63.4	63.4	63.6	63.8
GE 10000	62.1	62.8	63.2	63.7	63.8	63.8	63.9	64.2	64.2	64.4	64.4	64.4	64.6	64.6	64.7	64.9
GE 9000	62.4	63.1	63.6	64.0	64.1	64.1	64.2	64.5	64.6	64.8	64.8	64.8	64.9	64.9	65.0	65.2
GE 8000	65.1	65.9	66.3	66.8	66.9	66.9	67.0	67.3	67.3	67.6	67.6	67.6	67.7	67.7	67.8	68.0
GE 7000	65.4	66.3	66.8	67.2	67.3	67.3	67.4	67.8	67.8	68.0	68.0	68.0	68.1	68.1	68.2	68.4
GE 6000	65.9	66.8	67.2	67.7	67.8	67.8	67.9	68.2	68.2	68.4	68.4	68.4	68.6	68.6	68.7	68.9
GE 5000	66.9	67.9	68.8	69.3	69.4	69.4	69.9	70.2	70.2	70.4	70.4	70.4	70.6	70.6	70.7	70.9
GE 4500	67.8	68.9	69.8	70.3	70.4	70.6	71.0	71.3	71.3	71.6	71.6	71.6	71.7	71.7	71.8	72.0
GE 4000	68.2	69.3	70.4	71.0	71.1	71.2	71.7	72.0	72.0	72.2	72.2	72.2	72.3	72.3	72.4	72.7
GE 3500	69.0	70.1	71.3	71.9	72.1	72.2	72.7	73.0	73.0	73.2	73.2	73.2	73.3	73.3	73.4	73.7
GE 3000	69.9	71.0	72.3	73.1	73.3	73.4	73.9	74.2	74.2	74.4	74.4	74.4	74.6	74.6	74.7	74.9
GE 2500	71.4	72.8	74.2	75.0	75.3	75.4	75.9	76.2	76.2	76.4	76.4	76.4	76.6	76.6	76.7	76.9
GE 2000	72.7	74.1	75.8	76.8	77.2	77.3	77.8	78.1	78.1	78.3	78.3	78.3	78.6	78.6	78.8	79.0
GE 1800	72.9	74.3	76.0	77.1	77.6	77.7	78.3	78.7	78.7	78.9	78.9	78.9	79.1	79.1	79.3	79.6
GE 1500	73.6	75.0	76.7	77.9	78.6	78.7	79.7	80.0	80.0	80.2	80.2	80.2	80.4	80.4	80.7	80.9
GE 1200	75.7	77.1	78.8	80.1	80.8	81.0	82.0	82.3	82.3	82.8	82.8	82.8	83.0	83.0	83.3	83.6
GE 1000	77.2	79.1	81.1	82.4	83.2	83.4	84.4	84.8	84.8	85.4	85.4	85.4	85.7	85.7	86.0	86.2
GE 900	77.6	79.8	81.8	83.3	84.2	84.4	85.6	85.9	85.9	86.7	86.7	86.7	86.9	86.9	87.2	87.4
GE 800	77.9	80.1	82.1	83.8	84.7	84.9	86.0	86.3	86.3	87.2	87.2	87.2	87.4	87.4	87.8	88.0
GE 700	78.2	80.4	82.8	84.6	85.4	85.7	86.8	87.1	87.1	88.0	88.0	88.0	88.2	88.2	88.6	88.8
GE 600	78.3	80.7	83.1	85.1	86.2	86.4	87.7	88.0	88.0	88.9	88.9	88.9	89.1	89.1	89.4	89.7
GE 500	78.3	81.2	84.0	86.2	87.4	88.1	89.7	90.0	90.0	90.9	91.0	91.0	91.2	91.2	91.6	91.8
GE 400	78.3	81.3	84.3	86.7	88.1	88.8	90.6	90.9	90.9	91.8	92.0	92.0	92.2	92.2	92.9	93.1
GE 300	78.4	81.6	84.9	87.3	88.9	89.6	92.2	92.7	93.0	94.0	94.3	94.3	94.6	94.6	95.2	95.4
GE 200	78.4	81.6	84.9	87.4	89.0	89.7	92.6	93.1	93.7	95.1	95.7	95.7	96.0	96.0	96.9	97.2
GE 100	78.4	81.6	84.9	87.4	89.0	89.7	92.6	93.2	93.9	95.6	96.1	96.1	96.7	96.7	97.9	98.4
GE 000	78.4	81.6	84.9	87.4	89.0	89.7	92.6	93.2	93.9	95.6	96.1	96.1	96.8	96.8	98.1	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723535

STATION NAME: VANCE AFB OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: DEC HOURS: 06-08

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	53.6	54.5	55.3	55.9	56.4	56.4	56.5	56.6	56.6	56.9	57.0	57.0	57.0	57.0	57.3	57.4
GE 20000	58.0	58.8	59.8	60.8	61.3	61.3	61.5	61.6	61.6	61.9	62.0	62.0	62.0	62.0	62.3	62.4
GE 18000	58.0	58.8	59.8	60.8	61.3	61.3	61.5	61.6	61.6	61.9	62.0	62.0	62.0	62.0	62.3	62.4
GE 16000	58.0	58.8	59.8	60.8	61.3	61.3	61.5	61.6	61.6	61.9	62.0	62.0	62.0	62.0	62.3	62.4
GE 14000	58.4	59.3	60.4	61.3	61.9	61.9	62.0	62.1	62.1	62.4	62.5	62.5	62.5	62.5	62.9	63.0
GE 12000	59.1	59.9	61.0	62.0	62.5	62.5	62.6	62.8	62.8	63.1	63.2	63.2	63.2	63.2	63.5	63.6
GE 10000	60.6	61.5	62.5	63.6	64.2	64.2	64.3	64.4	64.4	64.7	64.8	64.8	64.8	64.8	65.1	65.3
GE 9000	61.0	61.9	63.0	64.1	64.6	64.6	64.7	64.8	64.8	65.1	65.3	65.3	65.3	65.3	65.6	65.7
GE 8000	62.9	63.7	64.8	65.9	66.4	66.4	66.6	66.7	66.7	67.0	67.1	67.1	67.1	67.1	67.4	67.5
GE 7000	63.6	64.5	65.7	66.8	67.3	67.3	67.4	67.5	67.5	67.9	68.0	68.0	68.0	68.0	68.3	68.4
GE 6000	64.2	65.0	66.2	67.3	67.9	67.9	68.0	68.1	68.1	68.4	68.5	68.5	68.5	68.5	68.8	68.9
GE 5000	64.8	65.7	67.0	68.2	68.7	68.7	68.8	68.9	68.9	69.3	69.4	69.4	69.4	69.4	69.7	69.8
GE 4500	65.1	67.0	68.3	69.6	70.1	70.1	70.2	70.4	70.4	70.7	70.8	70.8	70.8	70.8	71.1	71.2
GE 4000	67.2	68.1	69.7	71.1	71.7	71.7	71.8	71.9	71.9	72.2	72.3	72.3	72.3	72.3	72.6	72.7
GE 3500	67.8	68.6	70.2	71.7	72.3	72.3	72.4	72.5	72.5	72.9	73.0	73.0	73.0	73.0	73.3	73.4
GE 3000	69.4	70.2	71.9	73.4	74.0	74.0	74.2	74.3	74.3	74.6	74.7	74.7	74.7	74.7	75.0	75.1
GE 2500	70.1	71.1	72.9	74.4	75.2	75.2	75.5	75.7	75.7	76.0	76.1	76.1	76.1	76.1	76.4	76.5
GE 2000	70.7	71.8	73.5	75.1	76.0	76.0	76.3	76.5	76.5	76.9	77.0	77.0	77.0	77.0	77.3	77.4
GE 1800	70.7	71.8	73.6	75.2	76.1	76.1	76.4	76.7	76.7	77.0	77.2	77.2	77.2	77.2	77.5	77.6
GE 1500	71.1	72.4	74.3	75.9	77.0	77.0	77.3	77.5	77.5	77.9	78.1	78.1	78.1	78.1	78.4	78.5
GE 1200	72.2	73.6	75.7	77.6	78.7	78.7	79.2	79.4	79.4	79.7	79.9	79.9	79.9	79.9	80.2	80.3
GE 1000	73.6	75.2	77.5	80.2	81.5	81.5	82.0	82.4	82.4	82.8	83.1	83.1	83.1	83.1	83.4	83.5
GE 900	73.9	75.6	78.1	80.8	82.2	82.2	82.8	83.4	83.4	83.8	84.0	84.0	84.0	84.0	84.4	84.5
GE 800	74.4	76.2	78.8	81.5	83.1	83.1	83.8	84.4	84.4	85.0	85.3	85.3	85.3	85.3	85.7	85.8
GE 700	75.0	77.0	79.6	82.5	84.0	84.1	85.0	85.7	85.8	86.4	86.8	86.8	86.8	86.8	87.1	87.2
GE 600	75.5	77.5	80.2	83.5	85.5	85.6	86.6	87.6	87.7	88.5	88.8	88.8	88.8	88.8	89.1	89.3
GE 500	75.7	77.9	80.6	83.9	86.1	86.3	87.4	88.4	88.5	89.3	89.6	89.6	89.7	89.7	90.0	90.1
GE 400	75.8	78.4	81.1	84.8	87.0	87.2	88.5	89.5	89.6	90.3	90.7	90.7	91.0	91.0	91.4	91.5
GE 300	75.8	78.5	81.4	85.1	87.4	87.6	89.8	91.4	92.0	93.2	93.5	93.5	93.8	93.8	94.2	94.5
GE 200	75.8	78.5	81.4	85.2	87.6	87.8	90.1	91.9	92.4	93.9	94.2	94.2	94.6	94.6	95.2	95.4
GE 100	75.8	78.5	81.4	85.2	87.6	87.8	90.1	92.2	92.8	94.8	95.3	95.3	95.9	95.9	97.2	97.4
GE 000	75.8	78.5	81.4	85.2	87.6	87.8	90.1	92.2	92.8	94.9	95.4	95.4	96.4	96.4	98.2	100.0

TOTAL NUMBER OF OBSERVATIONS 921

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723535

STATION NAME: VANCE AFB OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: DEC HOURS: 09-11

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	50.8	51.6	51.9	52.0	52.3	52.3	52.3	52.4	52.4	52.4	52.7	52.7	52.7	52.7	52.8	53.3
GE 20000	56.7	57.8	58.5	58.8	59.2	59.3	59.4	59.5	59.6	59.6	59.8	59.8	59.8	59.8	59.9	60.6
GE 18000	56.9	58.0	58.7	59.1	59.4	59.5	59.6	59.7	59.8	59.8	60.0	60.0	60.0	60.0	60.2	60.8
GE 16000	57.0	58.1	58.8	59.2	59.5	59.6	59.7	59.8	59.9	59.9	60.2	60.2	60.2	60.2	60.3	60.9
GE 14000	58.2	59.3	60.0	60.4	60.8	60.9	61.0	61.1	61.2	61.2	61.5	61.5	61.5	61.5	61.6	62.2
GE 12000	59.7	60.8	61.6	61.9	62.3	62.4	62.5	62.6	62.8	62.8	63.0	63.0	63.0	63.0	63.1	63.7
GE 10000	62.9	64.0	64.8	65.1	65.8	65.9	66.2	66.3	66.4	66.4	66.7	66.7	66.7	66.7	66.8	67.4
GE 9000	63.6	64.7	65.6	65.9	66.6	66.7	67.0	67.1	67.2	67.2	67.4	67.4	67.4	67.4	67.5	68.2
GE 8000	65.0	66.1	67.0	67.4	68.1	68.2	68.5	68.6	68.7	68.7	68.9	68.9	68.9	68.9	69.1	69.7
GE 7000	65.9	67.0	68.0	68.4	69.1	69.2	69.5	69.6	69.7	69.7	69.9	69.9	69.9	69.9	70.0	70.7
GE 6000	66.6	67.6	68.6	69.1	69.7	69.8	70.1	70.2	70.4	70.4	70.6	70.6	70.6	70.6	70.7	71.3
GE 5000	67.6	68.7	69.8	70.2	70.9	71.0	71.3	71.4	71.6	71.6	71.8	71.8	71.8	71.8	71.9	72.5
GE 4500	67.9	68.9	70.0	70.5	71.1	71.2	71.6	71.7	71.8	71.8	72.0	72.0	72.0	72.0	72.1	72.7
GE 4000	69.3	70.4	71.6	72.0	72.6	72.7	73.1	73.3	73.4	73.4	73.6	73.6	73.6	73.6	73.7	74.4
GE 3500	69.7	70.8	72.0	72.6	73.3	73.4	73.7	73.9	74.0	74.0	74.3	74.3	74.3	74.3	74.4	75.0
GE 3000	70.7	71.8	73.1	73.7	74.4	74.5	74.8	75.0	75.1	75.1	75.4	75.4	75.4	75.4	75.5	76.1
GE 2500	71.2	72.3	73.6	74.3	74.9	75.0	75.4	75.7	75.8	75.8	76.0	76.0	76.0	76.0	76.1	76.8
GE 2000	71.9	73.1	74.5	75.1	75.8	75.9	76.2	76.5	76.7	76.7	76.9	76.9	76.9	76.9	77.0	77.6
GE 1800	71.9	73.1	74.6	75.2	75.9	76.0	76.3	76.7	76.8	76.8	77.0	77.0	77.0	77.0	77.1	77.7
GE 1500	72.7	73.9	75.5	76.2	77.0	77.1	77.4	77.7	77.9	77.9	78.2	78.2	78.2	78.2	78.3	78.9
GE 1200	73.5	74.8	76.7	77.4	78.2	78.3	78.6	78.9	79.0	79.0	79.4	79.4	79.4	79.4	79.5	80.1
GE 1000	75.1	76.4	78.3	79.2	79.9	80.1	80.5	81.3	81.5	81.5	81.9	81.9	81.9	81.9	82.0	82.6
GE 900	75.5	76.8	78.6	79.5	80.2	80.5	80.9	81.8	82.0	82.0	82.4	82.4	82.4	82.4	82.5	83.2
GE 800	76.2	77.9	79.7	80.7	81.4	81.7	82.1	83.3	83.5	83.7	84.1	84.1	84.1	84.1	84.3	84.9
GE 700	77.2	78.9	80.9	82.0	82.8	83.1	83.5	84.9	85.1	85.3	85.8	85.8	85.8	85.8	85.9	86.5
GE 600	77.6	79.4	81.8	83.0	83.8	84.0	84.7	86.4	86.6	86.9	87.3	87.3	87.3	87.3	87.4	88.1
GE 500	77.6	79.4	81.9	83.5	84.6	84.8	85.7	87.8	88.1	88.6	89.0	89.0	89.0	89.0	89.1	89.8
GE 400	77.6	79.8	82.8	85.0	86.3	86.9	87.9	90.4	90.7	91.4	91.9	91.9	92.0	92.0	92.1	92.7
GE 300	77.6	79.8	83.3	85.6	87.1	87.7	89.0	92.5	92.9	94.0	94.5	94.5	94.8	94.8	94.9	95.5
GE 200	77.6	79.8	83.3	85.6	87.2	87.8	89.3	92.8	93.3	94.6	95.2	95.4	96.0	96.1	96.4	97.2
GE 100	77.6	79.8	83.3	85.6	87.2	87.8	89.3	92.8	93.3	94.6	95.5	95.8	96.9	97.0	97.5	98.9
GE 000	77.6	79.8	83.3	85.6	87.2	87.8	89.3	92.8	93.3	94.6	95.7	95.9	97.0	97.1	97.6	100.0

TOTAL NUMBER OF OBSERVATIONS 921

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723535

STATION NAME: VANCE AFB OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: DEC HOURS: 12-14

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	51.9	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.4	52.6
GE 20000	60.5	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.2	61.3
GE 18000	61.3	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.1	62.2
GE 16000	61.5	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.2	62.3
GE 14000	62.9	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.6	63.7
GE 12000	64.7	65.6	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.8	65.9
GE 10000	67.2	68.3	68.4	68.6	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.8	68.9
GE 9000	67.8	68.8	68.9	69.2	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.4	69.5
GE 8000	69.7	70.8	70.9	71.1	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.3	71.4
GE 7000	70.6	71.7	71.8	72.0	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.2	72.3
GE 6000	71.4	72.5	72.6	72.9	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.1	73.2
GE 5000	72.9	73.9	74.0	74.3	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.5	74.6
GE 4500	73.0	74.0	74.2	74.4	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.6	74.7
GE 4000	73.8	74.9	75.0	75.2	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.5	75.6
GE 3500	74.2	75.4	75.5	75.7	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.9	76.0
GE 3000	74.8	76.1	76.2	76.4	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.8	76.9
GE 2500	75.7	77.0	77.1	77.3	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.6	77.7
GE 2000	76.2	77.5	77.7	78.0	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.3	78.4
GE 1800	76.7	78.0	78.2	78.4	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.8	78.9
GE 1500	78.2	79.6	79.8	80.0	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.5	80.6
GE 1200	79.6	81.0	81.5	81.8	82.2	82.2	82.2	82.2	82.2	82.2	82.3	82.3	82.3	82.3	82.4	82.5
GE 1000	80.3	82.0	82.7	83.2	83.8	83.8	83.8	84.4	84.4	84.6	84.6	84.6	84.6	84.6	84.7	84.8
GE 900	81.2	83.1	83.9	84.4	85.0	85.1	85.2	86.0	86.0	86.2	86.2	86.2	86.2	86.2	86.3	86.4
GE 800	81.9	84.4	85.3	85.9	86.5	86.8	87.0	87.8	87.8	88.1	88.1	88.1	88.2	88.2	88.3	88.4
GE 700	82.4	85.2	86.4	87.0	87.6	87.8	88.1	89.5	89.5	89.7	89.7	89.7	89.8	89.8	89.9	90.0
GE 600	82.7	85.7	87.0	87.7	88.4	88.6	89.1	90.7	90.7	90.9	91.0	91.0	91.1	91.1	91.2	91.3
GE 500	82.8	85.8	87.4	88.8	89.7	89.9	90.7	92.5	92.5	92.8	92.9	92.9	93.1	93.1	93.2	93.3
GE 400	82.8	86.0	87.9	89.9	90.9	91.2	92.2	94.1	94.1	94.8	95.1	95.1	95.2	95.2	95.3	95.4
GE 300	82.8	86.1	88.1	90.1	91.2	91.6	92.6	95.0	95.2	96.1	96.4	96.4	96.7	96.7	96.9	97.1
GE 200	82.8	86.1	88.1	90.2	91.3	91.7	92.7	95.2	95.7	96.9	97.5	97.6	97.9	97.9	98.2	98.4
GE 100	82.8	86.1	88.1	90.2	91.3	91.7	92.7	95.2	95.8	97.4	98.0	98.2	98.6	98.6	99.2	99.6
GE 000	82.8	86.1	88.1	90.2	91.3	91.7	92.7	95.2	95.8	97.4	98.2	98.3	98.7	98.7	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS 921

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723535

STATION NAME: VANCE AFB OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: DEC HOURS: 15-17

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	56.9	57.4	57.4	57.5	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7
GE 20000	63.5	64.2	64.2	64.3	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4
GE 18000	64.1	64.7	64.7	64.8	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9
GE 16000	64.4	65.0	65.0	65.1	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3
GE 14000	65.1	65.8	65.8	65.9	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0
GE 12000	66.6	67.2	67.2	67.3	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4
GE 10000	69.6	70.2	70.2	70.4	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5
GE 9000	70.1	70.8	70.8	70.9	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
GE 8000	72.1	72.7	73.0	73.2	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3
GE 7000	73.0	73.6	73.8	74.0	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
GE 6000	73.5	74.2	74.4	74.6	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7
GE 5000	74.8	75.6	75.8	76.0	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
GE 4500	74.9	75.7	75.9	76.1	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2
GE 4000	75.9	76.9	77.1	77.3	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
GE 3500	76.1	77.1	77.3	77.6	77.7	77.7	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0
GE 3000	77.1	78.1	78.3	78.6	78.7	78.7	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9
GE 2500	78.1	79.0	79.3	79.6	79.7	79.7	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9
GE 2000	78.3	79.3	79.5	79.8	80.0	80.0	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2
GE 1800	78.5	79.6	79.8	80.1	80.3	80.3	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6
GE 1500	79.9	81.2	81.7	82.1	82.3	82.3	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5
GE 1200	81.1	82.7	83.7	84.7	85.0	85.1	85.3	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5
GE 1000	82.4	84.0	85.1	86.2	86.6	86.8	87.0	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
GE 900	82.7	84.4	85.7	86.9	87.4	87.6	87.8	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
GE 800	82.8	84.9	86.2	87.7	88.9	89.4	89.7	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
GE 700	83.2	85.3	86.8	88.4	89.7	90.1	90.6	91.2	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
GE 600	83.2	85.3	87.0	88.6	89.9	90.4	91.0	91.9	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
GE 500	83.6	86.1	87.7	89.8	91.2	91.7	92.3	93.4	93.5	93.5	93.6	93.6	93.6	93.6	93.6	93.6
GE 400	83.6	86.1	87.7	90.0	91.6	92.3	93.4	94.8	95.2	95.5	95.8	95.8	95.8	95.8	95.8	95.8
GE 300	83.6	86.1	87.7	90.1	91.7	92.5	93.9	95.8	96.2	97.1	97.5	97.5	97.5	97.5	97.5	97.5
GE 200	83.6	86.1	87.7	90.1	91.7	92.5	93.9	95.9	96.3	97.3	97.9	97.9	97.9	97.9	97.9	97.9
GE 100	83.6	86.1	87.7	90.1	91.7	92.5	93.9	95.9	96.3	97.6	98.8	98.8	99.0	99.0	99.5	99.5
GE 000	83.6	86.1	87.7	90.1	91.7	92.5	93.9	95.9	96.3	97.6	98.8	98.8	99.2	99.2	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 921

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723535

STATION NAME: VANCE AFB OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: DEC HOURS: 18-20

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	58.7	59.6	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.1	60.1	60.1	60.1	60.1	60.1	60.1
GE 20000	65.3	66.3	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.8	66.8	66.8	66.8	66.8	66.8	66.8
GE 18000	65.5	66.5	66.9	66.9	66.9	66.9	66.9	66.9	66.9	67.0	67.0	67.0	67.0	67.0	67.0	67.0
GE 16000	65.6	66.6	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.1	67.1	67.1	67.1	67.1	67.1	67.1
GE 14000	65.6	66.6	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.1	67.1	67.1	67.1	67.1	67.1	67.1
GE 12000	67.0	68.0	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.6	68.6	68.6	68.6	68.6	68.6	68.6
GE 10000	69.2	70.2	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.8	70.8	70.8	70.8	70.8	70.8	70.8
GE 9000	69.7	70.7	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.2	71.2	71.2	71.2	71.2	71.2	71.2
GE 8000	71.8	72.9	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.6	73.6	73.6	73.6	73.6	73.6	73.6
GE 7000	72.9	74.0	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.7	74.7	74.7	74.7	74.7	74.7	74.7
GE 6000	73.7	74.9	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.6	75.6	75.6	75.6	75.6	75.6	75.6
GE 5000	75.1	76.3	76.9	76.9	76.9	76.9	76.9	76.9	76.9	77.0	77.0	77.0	77.0	77.0	77.0	77.0
GE 4500	75.4	76.7	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.3	77.3	77.3	77.3	77.3	77.3	77.3
GE 4000	76.0	77.2	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.9	77.9	77.9	77.9	77.9	77.9	77.9
GE 3500	76.8	78.0	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.7	78.7	78.7	78.7	78.7	78.7	78.7
GE 3000	78.0	79.2	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.9	79.9	79.9	79.9	79.9	79.9	79.9
GE 2500	78.3	80.0	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.6	80.6	80.6	80.6	80.6	80.6	80.6
GE 2000	79.5	81.2	81.7	81.9	81.9	81.9	81.9	81.9	81.9	82.0	82.0	82.0	82.0	82.0	82.0	82.0
GE 1800	80.2	82.0	82.5	82.6	82.7	82.7	82.7	82.7	82.7	82.9	82.9	82.9	82.9	82.9	82.9	82.9
GE 1500	81.7	83.6	84.3	84.4	84.5	84.5	84.5	84.5	84.5	84.6	84.6	84.6	84.6	84.6	84.6	84.6
GE 1200	83.0	85.1	85.7	86.0	86.1	86.1	86.3	86.3	86.5	86.6	86.6	86.6	86.6	86.6	86.6	86.6
GE 1000	84.5	86.9	87.7	87.9	88.1	88.1	88.5	88.5	88.7	88.8	88.8	88.8	88.9	88.9	88.9	88.9
GE 900	84.7	87.2	88.1	88.5	88.6	88.7	89.2	89.2	89.4	89.6	89.6	89.6	89.7	89.8	89.8	89.8
GE 800	84.8	87.3	88.2	88.6	88.7	88.8	89.3	89.3	89.5	89.7	89.7	89.7	89.8	89.9	89.9	89.9
GE 700	84.8	87.4	88.3	88.9	89.2	89.3	89.7	89.7	89.9	90.3	90.5	90.5	90.6	90.7	90.7	90.7
GE 600	84.8	87.6	88.5	89.2	89.5	89.6	90.0	90.2	90.4	90.7	91.0	91.0	91.2	91.3	91.3	91.3
GE 500	85.1	88.4	89.4	90.6	91.0	91.2	91.8	91.9	92.1	92.5	92.8	92.8	92.9	93.0	93.0	93.0
GE 400	85.3	88.7	89.8	91.5	91.9	92.3	93.5	93.9	94.2	95.0	95.5	95.5	95.8	95.9	95.9	95.9
GE 300	85.3	88.8	90.0	91.9	92.5	92.9	94.5	95.0	95.4	96.1	96.8	96.9	97.2	97.3	97.3	97.3
GE 200	85.3	88.8	90.0	91.9	92.7	93.1	94.7	95.2	95.6	96.6	97.5	97.6	98.0	98.2	98.5	98.5
GE 100	85.3	88.8	90.0	91.9	92.7	93.1	94.7	95.2	95.6	96.6	97.6	97.7	98.2	98.5	99.1	99.2
GE 000	85.3	88.8	90.0	91.9	92.7	93.1	94.7	95.2	95.6	96.6	97.6	97.7	98.3	98.6	99.3	100.0

TOTAL NUMBER OF OBSERVATIONS 904

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723535

STATION NAME: VANCE AFB OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 62 - DEC 91
MONTH: DEC HOURS: 21-23

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	60.9	61.4	62.1	62.3	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5
GE 20000	65.9	66.6	67.2	67.4	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7
GE 18000	66.1	66.8	67.4	67.7	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9
GE 16000	66.1	66.8	67.4	67.7	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9
GE 14000	66.4	67.1	67.8	68.0	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2
GE 12000	67.4	68.1	68.8	69.0	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2
GE 10000	69.3	70.1	70.8	71.0	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2
GE 9000	69.6	70.3	71.0	71.2	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5
GE 8000	72.5	73.1	73.9	74.1	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4
GE 7000	72.5	73.2	74.0	74.2	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5
GE 6000	73.2	74.2	75.0	75.3	75.5	75.5	75.5	75.6	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7
GE 5000	74.7	75.8	76.6	76.8	77.0	77.0	77.0	77.1	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
GE 4500	74.8	75.9	76.7	76.9	77.1	77.1	77.1	77.3	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
GE 4000	75.5	76.6	77.4	77.6	77.8	77.8	77.8	77.9	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0
GE 3500	76.8	77.9	78.7	78.9	79.2	79.2	79.2	79.3	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
GE 3000	78.0	79.3	80.0	80.3	80.5	80.5	80.5	80.6	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7
GE 2500	78.8	80.3	81.3	81.5	81.7	81.7	81.7	81.8	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
GE 2000	79.7	81.3	82.3	82.5	82.7	82.7	82.7	82.8	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9
GE 1800	80.2	81.7	82.7	82.9	83.2	83.2	83.2	83.3	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4
GE 1500	80.5	82.1	83.1	83.3	83.5	83.5	83.6	83.7	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8
GE 1200	81.9	83.6	84.6	84.8	85.1	85.1	85.2	85.4	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5
GE 1000	83.4	85.3	86.4	86.6	87.0	87.0	87.4	87.6	87.7	87.7	88.0	88.0	88.0	88.0	88.0	88.0
GE 900	83.7	85.6	86.7	87.1	87.6	87.6	88.2	88.4	88.5	88.6	88.9	88.9	88.9	88.9	88.9	88.9
GE 800	83.9	86.2	87.3	87.6	88.2	88.3	88.9	89.1	89.2	89.3	89.6	89.6	89.6	89.6	89.6	89.6
GE 700	84.4	86.7	87.8	88.3	89.0	89.1	89.6	89.9	90.0	90.2	90.6	90.6	90.6	90.6	90.6	90.6
GE 600	84.6	87.0	88.1	88.5	89.3	89.4	90.0	90.2	90.4	90.6	91.1	91.1	91.1	91.1	91.1	91.1
GE 500	84.8	87.4	88.9	89.9	90.6	90.7	91.4	91.6	92.1	92.3	92.8	92.8	92.8	92.9	92.9	92.9
GE 400	85.1	88.0	89.7	91.2	92.1	92.2	93.3	93.8	94.2	94.4	94.9	94.9	94.9	95.1	95.1	95.1
GE 300	85.1	88.0	90.0	91.9	93.1	93.2	94.4	94.9	95.3	95.5	96.0	96.0	96.1	96.3	96.3	96.3
GE 200	85.1	88.0	90.3	92.2	93.6	93.8	95.0	95.4	95.9	96.1	96.5	96.5	96.9	97.1	97.2	97.3
GE 100	85.1	88.0	90.3	92.2	93.8	93.9	95.1	95.5	96.0	96.2	96.7	96.7	97.0	97.2	97.8	98.6
GE 000	85.1	88.0	90.3	92.2	93.8	93.9	95.1	95.5	96.0	96.2	96.7	96.7	97.1	97.4	98.2	100.0

TOTAL NUMBER OF OBSERVATIONS 897

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723535

STATION NAME: VANCE AFB OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: DEC HOURS: ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	56.3	56.9	57.2	57.5	57.7	57.7	57.7	57.8	57.8	57.9	57.9	57.9	58.0	58.0	58.0	58.2
GE 20000	61.5	62.3	62.8	63.1	63.3	63.3	63.3	63.4	63.4	63.5	63.6	63.6	63.6	63.6	63.7	63.8
GE 18000	61.8	62.6	63.0	63.3	63.6	63.6	63.6	63.7	63.7	63.8	63.9	63.9	63.9	63.9	64.0	64.1
GE 16000	61.9	62.7	63.1	63.4	63.6	63.7	63.7	63.8	63.8	63.9	63.9	63.9	64.0	64.0	64.0	64.2
GE 14000	62.4	63.2	63.6	63.9	64.2	64.2	64.2	64.3	64.3	64.5	64.5	64.5	64.5	64.5	64.6	64.7
GE 12000	63.6	64.5	64.9	65.2	65.5	65.5	65.5	65.6	65.6	65.7	65.8	65.8	65.8	65.8	65.9	66.0
GE 10000	65.7	66.6	67.1	67.4	67.7	67.7	67.8	67.9	67.9	68.0	68.0	68.0	68.1	68.1	68.1	68.3
GE 9000	66.2	67.1	67.6	67.9	68.2	68.2	68.3	68.4	68.4	68.5	68.5	68.5	68.5	68.5	68.6	68.8
GE 8000	68.4	69.3	69.8	70.2	70.5	70.5	70.6	70.7	70.7	70.8	70.9	70.9	70.9	70.9	71.0	71.1
GE 7000	69.0	70.0	70.5	70.9	71.2	71.2	71.3	71.4	71.4	71.5	71.5	71.5	71.5	71.5	71.6	71.8
GE 6000	69.7	70.6	71.2	71.6	71.9	71.9	72.0	72.1	72.1	72.2	72.2	72.2	72.2	72.2	72.3	72.5
GE 5000	70.8	71.8	72.5	72.9	73.2	73.2	73.4	73.5	73.5	73.6	73.6	73.6	73.7	73.7	73.7	73.9
GE 4500	71.3	72.4	73.1	73.5	73.8	73.8	73.9	74.0	74.1	74.2	74.2	74.2	74.2	74.2	74.3	74.5
GE 4000	72.1	73.2	74.0	74.4	74.7	74.8	74.9	75.0	75.0	75.2	75.2	75.2	75.2	75.2	75.3	75.4
GE 3500	72.8	73.9	74.8	75.2	75.6	75.6	75.7	75.9	75.9	76.0	76.0	76.0	76.0	76.0	76.1	76.3
GE 3000	73.9	75.1	76.0	76.6	76.9	77.0	77.1	77.2	77.3	77.4	77.4	77.4	77.4	77.4	77.5	77.7
GE 2500	74.7	76.1	77.0	77.6	78.0	78.0	78.2	78.3	78.3	78.5	78.5	78.5	78.5	78.5	78.6	78.7
GE 2000	75.6	77.0	78.0	78.6	79.0	79.1	79.3	79.4	79.4	79.5	79.6	79.6	79.6	79.6	79.7	79.9
GE 1800	75.9	77.3	78.4	79.0	79.5	79.5	79.7	79.9	79.9	80.0	80.0	80.0	80.1	80.1	80.2	80.3
GE 1500	77.0	78.5	79.6	80.3	80.8	80.8	81.2	81.3	81.3	81.5	81.5	81.5	81.6	81.6	81.6	81.8
GE 1200	78.3	80.0	81.3	82.1	82.7	82.7	83.1	83.3	83.3	83.5	83.5	83.5	83.6	83.6	83.7	83.8
GE 1000	79.6	81.5	82.9	83.9	84.5	84.6	85.1	85.5	85.5	85.7	85.8	85.8	85.9	85.9	86.0	86.1
GE 900	80.0	82.0	83.5	84.6	85.3	85.5	86.0	86.5	86.5	86.8	86.9	86.9	86.9	86.9	87.1	87.2
GE 800	80.5	82.7	84.2	85.4	86.2	86.4	87.0	87.5	87.6	87.9	88.1	88.1	88.2	88.2	88.3	88.4
GE 700	80.9	83.3	84.9	86.2	87.2	87.3	88.0	88.6	88.7	89.0	89.3	89.3	89.3	89.3	89.4	89.6
GE 600	81.2	83.6	85.4	86.8	87.8	88.0	88.8	89.5	89.6	90.0	90.2	90.2	90.3	90.3	90.4	90.6
GE 500	81.3	84.1	86.0	87.8	89.0	89.2	90.1	91.0	91.2	91.6	91.8	91.8	91.9	92.0	92.1	92.2
GE 400	81.4	84.4	86.5	88.6	90.0	90.4	91.6	92.7	92.9	93.5	93.8	93.8	93.9	94.0	94.2	94.3
GE 300	81.4	84.4	86.8	89.0	90.5	91.0	92.6	94.0	94.4	95.2	95.6	95.6	95.8	95.9	96.1	96.2
GE 200	81.4	84.4	86.8	89.1	90.7	91.2	92.9	94.3	94.7	95.8	96.3	96.4	96.7	96.8	97.2	97.4
GE 100	81.4	84.4	86.8	89.1	90.7	91.2	92.9	94.4	94.8	96.1	96.8	96.9	97.4	97.5	98.2	98.7
GE 000	81.4	84.4	86.8	89.1	90.7	91.2	92.9	94.4	94.8	96.1	96.8	96.9	97.5	97.7	98.6	100.0

TOTAL NUMBER OF OBSERVATIONS 7286

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723535

STATION NAME: VANCE AFB OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: ALL HOURS: ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	60.8	61.6	62.1	62.4	62.6	62.6	62.6	62.7	62.7	62.8	62.8	62.8	62.8	62.8	62.8	62.9
GE 20000	68.1	69.2	69.7	70.1	70.3	70.3	70.4	70.4	70.4	70.5	70.5	70.5	70.5	70.5	70.6	70.6
GE 18000	68.4	69.4	69.9	70.3	70.5	70.5	70.6	70.6	70.7	70.7	70.7	70.7	70.8	70.8	70.8	70.9
GE 16000	68.4	69.4	70.0	70.4	70.6	70.6	70.6	70.7	70.7	70.8	70.8	70.8	70.8	70.8	70.9	70.9
GE 14000	69.1	70.1	70.7	71.1	71.3	71.3	71.3	71.4	71.4	71.5	71.5	71.5	71.5	71.5	71.5	71.6
GE 12000	70.5	71.5	72.1	72.5	72.7	72.8	72.8	72.9	72.9	72.9	72.9	72.9	73.0	73.0	73.0	73.1
GE 10000	73.3	74.5	75.1	75.6	75.8	75.8	75.9	75.9	76.0	76.0	76.0	76.0	76.0	76.1	76.1	76.2
GE 9000	73.7	74.8	75.5	75.9	76.1	76.2	76.2	76.3	76.3	76.3	76.4	76.4	76.4	76.4	76.4	76.5
GE 8000	75.6	76.8	77.5	78.0	78.2	78.3	78.3	78.4	78.4	78.5	78.5	78.5	78.5	78.5	78.6	78.6
GE 7000	76.0	77.2	78.0	78.4	78.7	78.7	78.8	78.8	78.9	78.9	78.9	78.9	79.0	79.0	79.0	79.1
GE 6000	76.5	77.8	78.5	79.0	79.2	79.3	79.3	79.4	79.4	79.5	79.5	79.5	79.5	79.6	79.6	79.7
GE 5000	77.7	79.0	79.7	80.3	80.5	80.6	80.7	80.7	80.8	80.8	80.8	80.8	80.9	80.9	80.9	81.0
GE 4500	78.3	79.7	80.4	81.0	81.3	81.3	81.4	81.5	81.5	81.5	81.6	81.6	81.6	81.6	81.6	81.7
GE 4000	79.6	81.0	81.9	82.4	82.8	82.8	82.9	83.0	83.0	83.1	83.1	83.1	83.1	83.1	83.2	83.2
GE 3500	80.5	81.9	82.8	83.4	83.7	83.8	83.9	84.0	84.0	84.1	84.1	84.1	84.1	84.1	84.2	84.3
GE 3000	81.6	83.1	84.1	84.7	85.1	85.1	85.3	85.4	85.4	85.4	85.5	85.5	85.5	85.5	85.6	85.6
GE 2500	82.6	84.2	85.2	85.8	86.2	86.3	86.4	86.5	86.5	86.6	86.6	86.6	86.7	86.7	86.7	86.8
GE 2000	83.7	85.4	86.5	87.2	87.7	87.7	87.9	88.0	88.0	88.1	88.1	88.1	88.2	88.2	88.2	88.3
GE 1800	84.1	85.9	86.9	87.7	88.1	88.2	88.3	88.4	88.5	88.6	88.6	88.6	88.6	88.6	88.7	88.8
GE 1500	85.2	87.0	88.2	89.0	89.5	89.6	89.7	89.9	89.9	90.0	90.0	90.0	90.1	90.1	90.1	90.2
GE 1200	86.0	88.0	89.3	90.2	90.7	90.8	91.0	91.1	91.2	91.2	91.3	91.3	91.3	91.3	91.4	91.5
GE 1000	86.7	88.9	90.3	91.3	91.9	92.0	92.2	92.4	92.4	92.5	92.6	92.6	92.6	92.6	92.7	92.8
GE 900	87.0	89.3	90.8	91.8	92.5	92.6	92.8	93.0	93.0	93.1	93.2	93.2	93.3	93.3	93.3	93.4
GE 800	87.3	89.7	91.3	92.4	93.2	93.3	93.6	93.8	93.8	94.0	94.0	94.0	94.1	94.1	94.1	94.2
GE 700	87.6	90.1	91.7	93.0	93.8	94.0	94.3	94.5	94.6	94.7	94.8	94.8	94.9	94.9	94.9	95.0
GE 600	87.8	90.3	92.0	93.4	94.2	94.4	94.7	95.0	95.1	95.3	95.3	95.3	95.4	95.4	95.5	95.5
GE 500	87.9	90.5	92.4	93.9	95.0	95.1	95.6	95.9	96.0	96.2	96.3	96.3	96.4	96.4	96.5	96.6
GE 400	88.0	90.7	92.7	94.4	95.6	95.8	96.3	96.7	96.9	97.2	97.3	97.3	97.4	97.4	97.5	97.6
GE 300	88.1	90.8	92.8	94.6	95.9	96.2	96.8	97.4	97.6	98.0	98.1	98.1	98.3	98.3	98.4	98.5
GE 200	88.1	90.8	92.9	94.7	96.1	96.3	97.1	97.6	97.9	98.4	98.6	98.6	98.9	98.9	99.0	99.2
GE 100	88.1	90.8	92.9	94.7	96.1	96.3	97.1	97.7	98.0	98.5	98.8	98.8	99.1	99.2	99.4	99.7
GE 000	88.1	90.8	92.9	94.7	96.1	96.3	97.1	97.7	98.0	98.5	98.8	98.8	99.1	99.2	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS: 87467

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723535

STATION NAME: VANCE AFB OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: JAN HOURS: ALL

HOURS (LST)	AIRWAY CLASSES				TOTAL OBSCURATION	GT 1/2	PARTIAL OBSCURATION	TOTAL OBS
	CLEAR	SCATTERED	BROKEN	OVERCAST				
00-02	45.3	23.3	9.5	19.5	2.4	31.4	1.4	927
03-05	46.0	19.8	8.8	21.8	3.6	34.2	1.8	927
06-08	27.9	33.4	12.1	22.8	3.8	38.6	2.6	927
09-11	17.3	36.0	21.8	23.0	1.9	46.7	2.3	927
12-14	14.3	39.4	21.9	22.9	1.5	46.3	1.0	927
15-17	15.1	40.5	21.5	21.3	1.7	44.4	1.3	927
18-20	20.1	39.1	17.6	21.7	1.6	40.9	1.3	927
21-23	39.9	25.9	10.2	21.1	2.2	34.2	1.1	927
ALL HOURS	28.2	32.2	15.5	21.8	2.3	39.6	1.6	7416

MONTH: FEB HOURS: ALL

00-02	36.4	19.6	12.6	28.3	3.1	44.0	1.2	846
03-05	34.8	20.9	12.2	27.2	5.0	44.3	2.1	846
06-08	24.5	27.1	14.9	26.8	6.7	48.5	3.8	846
09-11	14.7	28.6	20.8	30.1	5.8	56.7	1.7	846
12-14	11.7	30.6	24.9	30.9	1.9	57.7	.9	846
15-17	9.9	34.6	24.1	29.6	1.8	55.4	1.2	846
18-20	12.9	38.2	20.3	27.9	.7	48.9	.9	846
21-23	30.5	27.2	11.9	28.0	2.4	42.3	.4	846
ALL HOURS	21.9	28.4	17.7	28.6	3.4	49.7	1.5	6768

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723535

STATION NAME: VANCE AFB OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: MAR HOURS: ALL

HOURS (LST)	AIRWAY CLASSES					GT 1/2	PARTIAL OBSCURATION	TOTAL OBS
	CLEAR	SCATTERED	BROKEN	OVERCAST	TOTAL OBSCURATION			
00-02	32.7	25.2	14.6	26.5	1.1	42.2	.4	930
03-05	30.8	24.9	14.7	27.6	1.9	44.3	1.6	930
06-08	17.2	29.9	20.6	28.7	3.5	52.9	2.3	930
09-11	14.0	30.1	21.4	31.6	2.9	55.9	1.3	930
12-14	11.1	32.0	24.4	31.8	.6	56.9	1.2	930
15-17	7.2	34.8	27.5	30.2	.2	58.0	1.0	930
18-20	7.6	38.4	24.6	28.9	.4	54.0	.5	930
21-23	26.7	26.5	14.9	31.3	.6	46.9	.5	930
ALL HOURS	18.4	30.2	20.4	29.6	1.4	51.4	1.1	7440

MONTH: APR HOURS: ALL

00-02	32.2	27.1	16.6	23.1	1.0	40.7	.9	900
03-05	29.8	28.7	15.4	25.2	.9	41.6	1.1	900
06-08	11.4	34.9	26.9	25.6	1.2	53.7	3.0	900
09-11	10.7	34.9	28.9	24.8	.8	54.4	.6	900
12-14	8.8	38.4	28.4	24.1	.2	52.8	.2	900
15-17	7.1	40.4	33.8	18.4	.2	52.4	.4	900
18-20	10.7	41.6	30.2	17.4	.1	47.8	.4	900
21-23	30.3	29.4	20.4	19.3	.4	40.2	.6	900
ALL HOURS	17.6	34.4	25.1	22.3	.6	47.9	.9	7200

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OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723535

STATION NAME: VANCE AFB OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: MAY HOURS: ALL

HOURS (LST)	AIRWAY CLASSES					GT 1/2	PARTIAL OBSCURATION	TOTAL OBS
	CLEAR	SCATTERED	BROKEN	OVERCAST	TOTAL OBSCURATION			
00-02	27.0	32.3	16.2	24.1	.4	40.8	1.1	930
03-05	21.1	31.9	19.9	25.1	2.0	47.0	1.4	930
06-08	8.2	32.6	33.9	23.5	1.8	59.2	3.0	930
09-11	6.2	36.7	32.5	24.5	.1	57.1	.6	930
12-14	5.6	37.5	37.4	19.1	.3	56.9		930
15-17	4.7	43.3	37.8	14.1		51.9		930
18-20	6.8	44.7	31.7	16.8		48.5	.2	930
21-23	21.2	37.1	19.0	22.3	.4	41.7	.9	930
ALL HOURS	12.6	37.0	28.6	21.2	.6	50.4	.9	7440

MONTH: JUN HOURS: ALL

00-02	25.9	34.8	19.2	19.9	.2	39.3	.6	900
03-05	19.2	37.6	22.3	20.2	.7	43.2	1.3	900
06-08	7.7	38.0	34.7	19.0	.7	54.3	3.6	900
09-11	6.4	42.4	33.7	17.4		51.1	1.0	900
12-14	4.2	45.7	37.4	12.7		50.1	.2	900
15-17	4.3	49.0	37.2	9.4		46.7	.4	900
18-20	6.2	49.2	32.4	12.2		44.6	.9	899
21-23	14.3	47.9	19.9	17.7	.2	37.8	.4	900
ALL HOURS	11.0	43.1	29.6	16.1	.2	45.9	1.1	7199

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723535

STATION NAME: VANCE AFB OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: JUL HOURS: ALL

HOURS (LST)	AIRWAY CLASSES				TOTAL OBSCURATION	GT 1/2	PARTIAL OBSCURATION	TOTAL OBS
	CLEAR	SCATTERED	BROKEN	OVERCAST				
00-02	43.5	29.6	15.8	11.0	.1	26.9	1.0	930
03-05	34.4	35.6	19.1	10.9		30.0	1.5	930
06-08	15.5	44.9	29.1	10.4		39.6	2.6	930
09-11	15.8	48.4	25.9	9.9		35.8	1.3	930
12-14	6.9	53.2	32.4	7.5		39.9	1.1	930
15-17	6.0	57.8	32.2	4.0		36.1	.6	930
18-20	13.2	58.6	25.8	2.4		28.2	1.0	930
21-23	30.6	47.1	16.3	5.9		22.3	.5	930
ALL HOURS	20.8	46.9	24.6	7.7	.0	32.3	1.2	7440

MONTH: AUG HOURS: ALL

00-02	30.8	39.6	17.2	12.5		29.7	.3	930
03-05	28.6	39.4	19.6	12.3	.2	32.0	1.1	930
06-08	9.8	51.9	26.0	12.0	.2	38.3	3.3	930
09-11	13.3	49.7	26.5	10.5		37.0	1.7	930
12-14	6.5	54.6	30.1	8.8		38.9	.5	930
15-17	3.5	61.0	30.1	5.4		35.5	.8	930
18-20	8.0	57.9	28.2	5.9		34.1	1.0	929
21-23	24.0	46.5	19.2	10.3		29.6	.3	930
ALL HOURS	15.6	50.1	24.6	9.7	.1	34.4	1.1	7439

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723535

STATION NAME: VANCE APB OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: SEP HOURS: ALL

HOURS (LST)	AIRWAY CLASSES				TOTAL OBS	GT 1/2	PARTIAL OBS	TOTAL OBS
	CLEAR	SCATTERED	BROKEN	OVERCAST				
00-02	38.7	25.7	18.1	17.6		35.7	.4	900
03-05	36.2	27.7	15.6	20.0	.6	36.1	1.2	900
06-08	18.8	37.7	25.6	17.1	.8	43.5	3.3	899
09-11	19.6	35.3	27.9	17.0	.2	45.1	1.3	900
12-14	16.0	40.9	27.2	15.9		43.1	.2	900
15-17	14.4	40.8	34.0	10.8		44.8	.6	900
18-20	18.3	44.8	25.6	11.2	.1	36.9	1.1	900
21-23	34.7	34.3	16.1	14.9		31.0	.6	900
ALL HOURS	24.6	35.9	23.8	15.6	.2	39.5	1.1	7199

MONTH: OCT HOURS: ALL

00-02	44.9	22.8	11.2	19.7	1.4	32.3	1.8	930
03-05	43.8	21.1	12.0	21.1	2.0	35.2	2.5	930
06-08	22.6	33.9	19.1	22.0	2.4	43.5	2.4	930
09-11	18.9	35.7	22.9	21.5	1.0	45.4	1.1	930
12-14	18.8	35.7	26.2	19.1	.1	45.5	.8	930
15-17	18.2	40.5	24.0	17.3		41.3	.5	930
18-20	23.7	38.5	20.2	17.4	.2	37.8	.4	930
21-23	39.5	28.7	12.7	18.3	.9	31.8	1.2	930
ALL HOURS	28.8	32.1	18.5	19.6	1.0	39.1	1.3	7440

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OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723535

STATION NAME: VANCE AFB OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: NOV HOURS: ALL

HOURS (LST)	AIRWAY CLASSES				TOTAL OBSCURATION	GT 1/2	PARTIAL OBSCURATION	TOTAL OBS
	CLEAR	SCATTERED	BROKEN	OVERCAST				
00-02	40.2	22.2	13.6	22.3	1.7	37.6	1.6	900
03-05	38.6	24.3	10.9	23.9	2.3	37.1	1.7	900
06-08	22.9	31.1	21.7	22.7	1.7	46.0	2.4	900
09-11	13.4	36.6	23.9	25.1	1.0	50.0	3.6	898
12-14	12.2	39.9	20.8	26.9	.2	47.9	2.4	900
15-17	12.6	37.1	27.0	22.8	.6	50.3	1.8	900
18-20	19.3	36.0	21.1	23.4	.1	44.7	1.6	900
21-23	37.1	23.6	14.4	23.6	1.3	39.3	1.8	900
ALL HOURS	24.5	31.4	19.2	23.8	1.1	44.1	2.1	7198

MONTH: DEC HOURS: ALL

00-02	39.7	17.1	11.1	28.0	4.1	43.2	1.1	901
03-05	41.0	15.1	9.6	29.9	4.4	43.9	3.4	900
06-08	27.0	24.1	17.4	26.0	5.5	48.9	2.9	921
09-11	15.2	31.5	22.0	27.0	4.2	53.3	4.1	921
12-14	15.9	30.7	23.2	27.7	2.5	53.4	2.6	921
15-17	16.4	32.4	21.9	26.9	2.4	51.2	2.2	921
18-20	22.1	32.4	18.5	24.6	2.4	45.5	1.8	904
21-23	37.0	21.2	13.2	25.5	3.1	41.8	1.0	897
ALL HOURS	26.7	25.6	17.2	26.9	3.6	47.7	2.4	7286

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723535

STATION NAME: VANCE AFB OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: ALL HOURS: ALL

HOURS (LST)	AIRWAY CLASSES				TOTAL OBSCURATION	GT 1/2	PARTIAL OBSCURATION	TOTAL OBS
	CLEAR	SCATTERED	BROKEN	OVERCAST				
00-02	36.5	26.7	14.6	21.0	1.3	36.9	1.0	10924
03-05	33.7	27.3	15.0	22.0	2.0	39.0	1.7	10923
06-08	17.8	35.0	23.5	21.3	2.3	47.2	2.9	10943
09-11	13.8	37.2	25.7	21.8	1.5	49.0	1.7	10942
12-14	11.0	40.0	27.9	20.5	.6	49.0	.9	10944
15-17	10.0	42.8	29.3	17.4	.6	47.3	.9	10944
18-20	14.1	43.3	24.7	17.4	.5	42.6	.9	10925
21-23	30.5	33.0	15.8	19.8	1.0	36.5	.8	10920
ALL HOURS	20.9	35.7	22.1	20.2	1.2	43.4	1.4	87465

PPPPPPPP	AAAAAA	RRRRRRRR	TTTTTTTT	EEEEEEEE
PPPPPPPP	AAAAAAA	RRRRRRRR	TTTTTTTT	EEEEEEEE
PP PP	AA AA	RR RR	TT	EE
PP PP	AA AA	RR RR	TT	EE
PPPPPPPP	AA AA	RRRRRRRR	TT	EEEE
PPPPPPPP	AAAAAAAA	RRRRRRRR	TT	EEEE
PP	AAAAAAAA	RR RR	TT	EE
PP	AA AA	RR RR	TT	EE
PP	AA AA	RR RR	TT	EEEEEEEE
PP	AA AA	RR RR	TT	EEEEEEEE

E - 1 - 1

PART E

TEMPERATURE AND RELATIVE HUMIDITY SUMMARIES

TEMPERATURE--CUMULATIVE PERCENT OCCURRENCE FREQUENCY (POF).

THESE TABLES ARE CREATED FROM SUMMARY OF DAY DATA AND GIVE CUMULATIVE POF FOR MAXIMUM, MINIMUM, AND MEAN TEMPERATURES, RESPECTIVELY. DATA IS SUMMARIZED BY MONTH FOR ALL YEARS COMBINED. TOTALS ARE GIVEN FOR THE WHOLE YEAR. DATA IS DISPLAYED USING 5-DEGREE FAHRENHEIT INCREMENTS (GE 0, GE 5, GE 10, ETC).. THERE IS ONE SPECIAL THRESHOLD FOR "GE 33" DEGREES. MEANS, STANDARD DEVIATIONS, AND TOTAL OBSERVATION COUNTS ARE GIVEN.

NOTE 1. BEGINNING IN JANUARY 1946, DAILY MAXIMUM AND MINIMUM TEMPERATURES CAME ROUTINELY FROM HOURLY OBSERVATIONS ON AWS FORMS 10/10A OR FROM AUTOMATED DATA COLLECTION FROM ALL USAF-OPERATED STATIONS. REFER TO THE "STATION HISTORY" PAGE FOR DETAILED INFORMATION ON REPORTING PRACTICES.

MONTHLY TEMPERATURES.

ALSO FROM SUMMARY OF DAY DATA, THE TABLES GIVE MONTHLY MAXIMUM AND MINIMUM TEMPERATURES BY MONTH AND BY YEAR. MONTHLY RECORD TEMPERATURES (MAX AND MIN) ARE GIVEN, ALONG WITH TOTAL OBSERVATIONS. AN ASTERISK (*) INDICATES A VALUE FOR A MONTH FOR WHICH LESS THAN 90% OF THE DATA ARE AVAILABLE. AN ASTERISK ALSO DENOTES A YEAR(S) WITH ONE OR MORE MISSING AND/OR INCOMPLETE MONTHS.

MEAN MONTHLY TEMPERATURE.

ALSO FROM SUMMARY OF DAY DATA, GIVES MONTHLY MEAN TEMPERATURE BY MONTH, FOR ALL MONTHS, AND FOR ALL YEARS. AN ASTERISK (*) INDICATES A VALUE FOR A MONTH FOR WHICH LESS THAN 90% OF THE DATA ARE AVAILABLE. AN ASTERISK ALSO DENOTES A YEAR(S) WITH ONE OR MORE MISSING AND/OR INCOMPLETE MONTHS.

DRY BULB, WET BULB, AND DEW POINT TEMPERATURES.

THESE TABLES ARE CREATED FROM HOURLY OBSERVATIONS--DATA IS SUMMARIZED:

- BY EIGHT 3-HOUR STANDARD TIME PERIODS FOR EACH MONTH (ALL YEARS COMBINED).
- BY MONTH (ALL YEARS AND ALL HOURS COMBINED).
- BY YEAR (ALL YEARS AND ALL HOURS COMBINED).

MEANS, STANDARD DEVIATIONS, AND TOTAL OBSERVATION COUNTS ARE GIVEN. THE MEAN NUMBER OF HOURS WITH TEMPERATURES FOR VARIOUS THRESHOLDS ALSO APPEAR AS SPECIFIED IN EACH SUMMARY AND IN ACCORDANCE WITH AFM 88-29, "ENGINEERING WEATHER DATA," AND AWSP 105-56, "METEOROLOGICAL TECHNIQUES."

NOTE 1. WINTER WET BULB AND DEW POINT MEAN TEMPERATURES FOR VERY COLD STATIONS MUST BE USED WITH CAUTION. WHEN THE DRY BULB TEMPERATURE IS BELOW -35 DEGREES F, DEW POINT TEMPERATURES ARE NOT REPORTED (FMB-1B). AS A RESULT, WINTER MEAN DEW POINTS (AND MORE FREQUENTLY, WINTER MEAN WET BULB TEMPERATURES) ARE ACTUALLY LOWER THAN SHOWN IN THE TABLES. IN SOME HOUR GROUPS, IN FACT, MEAN WET BULB TEMPERATURES MAY ACTUALLY BE SHOWN AS EXCEEDING THE MEAN DRY BULB TEMPERATURES.

SPECIAL CAVEAT: DURING PART TIME PERIODS, THESE SUMMARIES REPRESENT THE "HIGH" AND "LOW" TEMPERATURES RECORDED AND NOT NECESSARILY THE ACTUAL MAXIMUM AND MINIMUM VALUES. THESE SUMMARIES ARE INFLUENCED BY THE ABSENCE OF NIGHTTIME TEMPERATURE READINGS. THEREFORE, CERTAIN SUMMARIES MAY DEPICT A SLIGHT "WARM" BIAS.

TEMPERATURE CONVERSIONS: $F = 1.8C + 32$

$C = K - 273.0$ (BEFORE 5 APRIL 77)

$C = K - 273.2$ (SINCE 5 APRIL 77)

RELATIVE HUMIDITY--CUMULATIVE PERCENT OCCURRENCE FREQUENCY (POF).

CREATED FROM HOURLY OBSERVATIONS, THESE TABLES GIVE POF OF RELATIVE HUMIDITY FOR 10% INCREMENTS. MEANS AND TOTAL OBSERVATION COUNTS ARE ALSO PROVIDED. THE DATA IS SUMMARIZED AS FOLLOWS:

- BY EIGHT 3-HOUR STANDARD TIME PERIODS FOR EACH MONTH (ALL YEARS COMBINED).
- BY MONTH (ALL YEARS AND ALL HOURS COMBINED).
- BY YEAR (ALL YEARS AND ALL HOURS COMBINED).

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF MAXIMUM TEMPERATURES IN FAHRENHEIT
FROM SUMMARY OF DAY DATA

STATION NUMBER: 723535

STATION NAME: VANCE AFB OK
LST TO UTC: +06

PERIOD OF RECORD: 4201-4701,4810-9110
MONTH: ALL HOURS: ALL

TEMP (DEG-F)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
110					.1	.1	.2	.3					.1
105					.1	.4	4.1	3.3	.3				.7
100				.1	.2	4.9	19.2	18.2	2.9				3.9
95				.1	1.6	20.1	46.8	44.0	13.9	.4			10.8
90			.3	1.6	9.3	45.9	71.6	67.8	30.3	4.5			19.5
85		.2	1.3	7.0	25.3	70.4	87.7	84.1	49.2	12.7	.2		28.5
80	.1	.7	5.8	19.1	46.6	86.4	96.2	93.0	67.2	27.4	1.6	.1	37.4
75	.6	3.0	11.6	34.3	66.5	94.6	99.2	97.4	81.4	45.4	7.2	.4	45.5
70	1.7	8.1	22.8	50.9	82.3	98.7	99.7	99.4	90.2	62.7	18.8	2.0	53.4
65	5.6	16.7	35.4	66.9	92.6	99.6	99.9	99.9	95.5	76.4	34.1	7.7	61.1
60	13.9	26.6	49.7	81.3	97.2	99.9	100.0	100.0	98.3	88.2	47.3	17.1	68.5
55	25.4	39.2	62.3	91.0	99.0	100.0			99.4	94.7	62.9	29.2	75.4
50	39.0	53.0	74.4	96.3	99.8				99.9	97.9	75.1	44.8	81.8
45	52.1	64.8	84.3	99.1	99.9				100.0	99.4	85.3	61.1	87.2
40	65.1	74.6	91.9	99.7	100.0					99.9	92.6	74.0	91.5
35	75.5	84.4	96.2	99.9						99.9	97.4	84.4	94.8
33	79.0	87.9	97.8	99.9						100.0	98.5	88.3	96.0
30	84.9	91.8	98.7	100.0							99.6	91.8	97.2
25	90.5	96.0	99.5								100.0	95.7	98.5
20	95.2	99.1	99.9									98.2	99.4
15	98.3	99.5	99.9									99.1	99.7
10	99.7	100.0	100.0									99.4	99.9
5	100.0											99.7	100.0
0												100.0	100.0
MEAN	44.3	49.9	58.6	69.3	78.0	88.0	93.2	92.3	83.3	72.4	58.0	47.3	69.7
SD	13.83	14.12	13.31	10.64	9.04	7.64	7.16	7.89	10.09	10.58	11.81	12.53	20.25
TOTAL OBS	1487	1326	1437	1391	1413	1420	1453	1476	1414	1476	1400	1423	17116

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF MINIMUM TEMPERATURES IN FAHRENHEIT
FROM SUMMARY OF DAY DATA

STATION NUMBER: 723535

STATION NAME: VANCE AFB OK
LST TO UTC: +06

PERIOD OF RECORD: 4201-4701,4810-9110
MONTH: ALL HOURS: ALL

TEMP (DEG-F)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
GE 90							.2	.1					.0
GE 85						.2	1.0	.2					.1
GE 80						1.5	3.8	3.2	.4				.8
GE 75				.1	1.1	11.5	27.0	22.7	4.6	.1			5.7
GE 70				.6	6.4	36.5	70.1	62.5	22.8	1.3			16.9
GE 65			.3	3.8	19.2	68.0	93.0	88.3	44.3	5.8			27.2
GE 60	.1		1.7	13.4	44.7	88.9	98.7	97.6	65.2	16.7	1.8	.2	36.1
GE 55	.3	.5	4.5	25.7	68.9	97.0	99.9	99.6	83.0	34.9	5.3	.8	43.7
GE 50	.8	1.7	11.1	43.9	84.6	99.6	100.0	100.0	93.6	57.8	12.4	1.4	50.9
GE 45	2.0	5.2	22.7	63.5	94.0	100.0			98.2	77.0	23.1	3.4	57.7
GE 40	5.5	15.3	40.0	82.0	98.4				99.7	90.0	42.5	10.0	65.5
GE 35	15.1	31.1	59.4	93.0	99.9				100.0	97.0	63.2	23.8	73.7
GE 33	22.9	40.1	67.5	95.8	99.9					98.2	71.9	33.0	77.6
GE 30	36.2	54.4	78.7	98.1	100.0					99.3	81.9	50.1	83.3
GE 25	58.0	72.9	90.3	99.9						99.9	93.2	71.2	90.5
GE 20	72.5	85.7	96.0	99.9						100.0	97.6	85.5	94.8
GE 15	84.1	92.6	98.0	100.0							99.4	92.5	97.2
GE 10	92.2	97.0	99.2								100.0	95.9	98.7
GE 5	96.5	99.2	99.7									97.9	99.4
GE 0	99.2	99.7	100.0									99.6	99.9
GE -5	99.8	100.0										99.9	100.0
GE -10	100.0											100.0	100.0
MEAN	25.1	29.6	37.1	48.2	57.9	67.2	71.7	70.7	62.5	50.9	37.9	28.6	49.1
SD	10.16	9.79	10.19	9.37	7.93	6.17	4.88	5.19	8.08	8.66	9.50	9.54	18.45
TOTAL OBS	1487	1326	1437	1391	1413	1420	1453	1476	1414	1476	1400	1423	17116

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF MEAN TEMPERATURES IN FAHRENHEIT
FROM SUMMARY OF DAY DATA

STATION NUMBER: 723535

STATION NAME: VANCE AFB OK
LST TO UTC: +06

PERIOD OF RECORD: 4201-4701,4810-9110
MONTH: ALL HOURS: ALL

TEMP (DEG-F)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
95							1.1	.4					.1
90					.1	2.0	9.1	8.2	.6				1.7
85					.6	15.6	39.5	34.8	7.8				8.3
80				.2	6.9	42.5	72.3	66.3	25.2	1.2			18.2
75			.1	3.5	21.6	70.4	92.2	87.1	46.4	6.5	.1		27.7
70			1.7	13.7	46.5	89.6	98.4	96.5	68.0	20.1	.7		36.6
65		.6	6.5	29.7	68.5	97.3	99.7	99.6	85.0	40.7	4.5	.1	44.7
60	.6	2.3	15.2	47.9	86.1	99.9	100.0	99.9	93.1	61.6	13.2	1.2	52.1
55	2.5	8.7	28.3	66.9	94.4	99.9		100.0	97.8	80.9	27.4	3.5	59.5
50	8.2	20.4	45.9	84.2	99.0	100.0			99.6	91.5	45.6	11.7	67.4
45	19.4	37.3	62.8	94.2	99.7				99.9	97.3	64.1	26.9	75.3
40	37.3	54.1	79.3	98.6	100.0				100.0	99.5	80.5	47.2	83.1
35	55.1	71.0	89.1	99.9						99.8	92.1	67.5	89.6
33	62.1	75.6	92.0	99.9						99.9	95.4	75.1	91.7
30	70.7	81.7	95.5	99.9						100.0	96.9	81.4	93.9
25	81.3	90.3	98.3	100.0							99.4	90.6	96.6
20	89.1	95.5	99.3								99.9	95.4	98.3
15	94.9	98.6	99.7								100.0	97.5	99.2
10	98.3	99.5	100.0									98.8	99.7
5	99.6	99.9										99.5	99.9
0	100.0	100.0										99.9	100.0
-5												100.0	100.0
MEAN	34.9	39.9	48.1	58.9	68.1	77.8	82.6	81.7	73.1	61.9	48.2	38.1	59.6
SD	11.26	11.15	10.89	9.15	7.82	6.40	5.53	6.01	8.44	8.70	9.79	10.19	18.97
TOTAL OBS	1487	1326	1437	1391	1413	1420	1453	1476	1414	1476	1400	1423	17116

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

MONTHLY MAXIMUM TEMPERATURES IN FAHRENHEIT
FROM SUMMARY OF DAY DATA

STATION NUMBER: 723535

STATION NAME: VANCE AFB OK
LST TO UTC: +06

PERIOD OF RECORD: 4201-4701,4810-9110
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
42	70	69	78	86	94	96	102	102	92	84	80	66	102
43	80	78	83	88		98	104	109	95	85	78	62	109*
44	66	76	72	81	93	101	101	105	101	87	80	58	105
45	68	68	82	82	93	95	99	104	100	84	87	70	104
46	71	75	*	*	92*	100	103	109	91	82	70	74	109*
47	65												65*
48										80*	70	76	80*
49	67	65	76	86	92	99	105	100	97	91	80	68	105
50	79	75	83	89	98	102	93	98	91	93	77	73	102
51	72	78	84	90	92	96	106	110	105	98	71	79	110
52	72	71	78	87	92	104	108	109	98	96	82	66	109
53	75	72	86	92	103	110	104	99	104	95	77	63	110
54	69	81	83	96	88	102	114	106	102	96	81	69	114
55	66	74	87	94	91	94	102	101	97	88	75	83	102
56	68	80	86	90	99	103	104	107	102	95	81	74	107
57	70	73	78	80	87	97	102	104	101	90	80	68	104
58	62	72	64	90	99	107	102	101	97	92	77	67	107
59	67	73	84	90	94	101	97	102	98	84	75	71	102
60	69	72	81	85	89	102	103	101	95	90*	76*	65*	103*
61	64	72*	78*	90*	91	95*	100*	100*	99*	84*	70*	65*	100*
62	70*	85*	82*	86*	95*	93*	101*	104*	97*	92*	71*	69*	104*
63	69*	74*	85*	91*	93	95*	103*	103*	93	94	79*	66*	103*
64	74*	56*	78*	86*	93*	96*	105*	108	97	82	78	68*	108*
65	71	74	75	86	88	96	102	99	102	95	77	73	102
66	60	67	86	85	92	96	103	102	88	91	81	78	103
67	80	72	90	88	98	97	103	100	87	86	71	63	103
68	68	63	81	84	88	97	99	104	93	88	70	65	104
69	68	75	80	81	92	99	106	111	97	91	78	70	111
70	68	77	75	90	92	102	108	110	103	87	73	77	110
71	75	72	92	88	95	100	107	99	102	86	78	68	107
72	62	80	85	100	90	98	102	101	98	91	71	68	102
73	61	65	75	80	97	96	99	101	92	86	81	68*	101*
74	63	69	93	80	93	99	106	99	92	84	73	60	106
75	61	59	80	85	86	94	99	100	98	91	78	74	100

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

MONTHLY MAXIMUM TEMPERATURES IN FAHRENHEIT
FROM SUMMARY OF DAY DATA

STATION NUMBER: 723535

STATION NAME: VANCE AFB OK
LST TO UTC: +06

PERIOD OF RECORD: 4201-4701,4810-9110
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
76	68	81	87	85	85	99	102	103	99	91	71	68	103
77	58	75	83	87	91	98	103	97	99	88	74	70	103
78	57	55	81	80	87	98	107	104	103	94	82	73	107
79	48	64	80	81	84	98	103	98	95	94	73	68	103
80	68	76	75	86	91	107	107	107	100	91	87	70	107
81	76	85	79	90	89	103	109	103	98	91	73	68	109
82	67	77	80	90	91	93	101	107	105	91	77	68	107
83	70	68	81	81	90	95	106	107	101	90	81	57	107
84	71	76	80	86	90	102	106	110	106	88	75	70	110
85	54	65	79	85	110	101	104	101	102	81	74	62	110
86	78	76	84	87	91	94	107	96	90	79	67	55	107
87	63	68	76	90	96	97	98	101	92	82	81	64	101
88	67	73	80	82	90	101	98	102	97	86	78	68	102
89	69	65	83	91	95	97	101	98	95	94	84	72	101
90	75	76	81	85	93	102	107	105	107	88	81	70	107
91	60	80	91	84	95	98	103	105	95	91			105*
.....													
GREATEST	80	85	93	100	110	110	114	111	107	98	87	83	114
.....													
TOTAL OBS	1487	1326	1437	1391	1413	1420	1453	1476	1414	1476	1400	1423	17116

THE GREATEST VALUE OF 114 OCCURRED ON 07/14/54

NOTE: *THE VALUE IS BASED ON A MONTH WITH LESS THAN 90% OF THE DATA AVAILABLE FOR THE MONTH

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

MONTHLY MINIMUM TEMPERATURES IN FAHRENHEIT
FROM SUMMARY OF DAY DATA

STATION NUMBER: 723535

STATION NAME: VANCE AFB OK
LST TO UTC: +06

PERIOD OF RECORD: 4201-4701,4810-9110
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
42	-1	5	28	35	37	51	62	62	39	27	18	15	-1
43	-5	16	2	32		57	64	53	51	31	24	4	-5*
44	8	10	14	32	35	54	61	56	48	39	17	19	8
45	19	8	21	26	36	54	60	61	42	30	18	7	7
46	16	20	*	*	52*	49	65	55	44	37	23	8	8*
47	-8												-8*
48										40*	21	16	16*
49	0	12	23	33	50	62	66	59	42	30	27	16	0
50	5	15	11	28	45	51	59	51	54	44	12	3	3
51	1	-3	21	32	45	50	62	63	44	33	20	5	-3
52	13	22	14	27	40	63	57	67	49	34	19	16	13
53	9	14	25	29	37	61	56	61	52	33	19	11	9
54	2	20	13	31	31	49	73	65	54	30	22	14	2
55	16	12	10	39	53	50	64	61	53	32	14	13	10
56	11	12	15	30	48	54	68	53	52	41	15	17	11
57	9	19	23	25	43	55	60	64	50	24	23	14	9
58	16	9	22	34	48	52	60	60	45	38	18	1	1
59	-7	6	21	30	47	60	61	65	47	33	12	23	-7
60	13	10	0	35	37	58	64	63	55	35*	24*	18*	0*
61	5	15*	25*	32*	39	54*	62*	53*	46*	39*	26*	1*	1*
62	-3*	5*	3*	31*	44*	58*	65*	58*	44*	36*	29*	2*	-3*
63	-1*	14*	23*	41*	40	59*	65*	60*	48	44	25*	4*	-1*
64	4*	15*	14*	30*	46*	48*	59*	59	46	31	16	5*	4*
65	15	7	13	32	50	61	60	65	47	36	25	22	7
66	1	5	19	27	35	53	70	56	47	34	16	8	1
67	9	14	4	38	37	54	58	54	37	33	27	14	4
68	2	13	18	29	44	53	62	58	48	32	26	0	0
69	8	20	17	39	45	49	65	67	57	34	18	14	8
70	3	16	17	28	43	54	54	64	53	30	16	18	3
71	9	6	18	27	36	62	58	60	44	45	30	25	6
72	2	8	20	31	44	53	57	64	46	33	25	6	2
73	0	15	32	28	40	54	63	62	44	35	32	8*	0*
74	5	19	12	30	48	54	63	57	46	38	18	16	5
75	13	4	19	19	47	52	58	66	43	30	10	7	4

E - 3 - 2A

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

MONTHLY MINIMUM TEMPERATURES IN FAHRENHEIT
FROM SUMMARY OF DAY DATA

STATION NUMBER: 723535

STATION NAME: VANCE AFB OK
LST TO UTC: +06

PERIOD OF RECORD: 4201-4701,4810-9110
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
76	3	13	15	30	40	54	60	62	44	23	11	7	3
77	1	17	22	28	56	57	65	64	59	35	28	13	1
78	4	5	11	33	40	56	66	59	55	38	30	13	4
79	0	4	26	32	40	52	65	58	51	39	21	9	0
80	11	12	9	31	47	59	69	68	47	28	24	14	9
81	18	3	27	38	43	55	70	61	47	35	26	16	3
82	3	-4	12	29	41	52	66	67	45	31	20	19	-4
83	20	16	27	29	42	51	63	70	40	42	27	-2	-2
84	-1	21	29	33	38	63	64	67	37	38	28	18	-1
85	4	8	30	38	52	53	66	61	39	37	17	7	4
86	12	5	26	35	46	60	66	54	50	36	14	23	5
87	3	24	21	30	49	57	58	55	48	36	23	7	3
88	-8	4	15	33	45	53	61	55	46	40	21	15	-8
89	15	-3	12	28	43	54	62	56	42	29	21	-9	-9
90	22	20	24	36	42	55	51	58	44	29	22	-3	-3
91	8	17	25	38	38	60	60	58	42	26			8*
.....													
LEAST	-8	-4	0	19	31	48	51	51	37	23	10	-9	-9
.....													
TOTAL OBS	1487	1326	1437	1391	1413	1420	1453	1476	1414	1476	1400	1423	17116

THE LEAST VALUE OF -9 OCCURRED ON 12/23/89

NOTE: *THE VALUE IS BASED ON A MONTH WITH LESS THAN 90% OF THE DATA AVAILABLE FOR THE MONTH

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

MONTHLY MEAN TEMPERATURES IN FAHRENHEIT
FROM SUMMARY OF DAY DATA

STATION NUMBER: 723535

STATION NAME: VANCE AFB OK
LST TO UTC: +06

PERIOD OF RECORD: 4201-4701,4810-9110
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
42	36	38	49	61	67	76	83	79	70	61	50	37	59
43	35	44	43	62		78	83	86	71	59	47	34	59*
44	37	42	44	54	68	79	81	82	72	63	50	35	59
45	37	38	53	54	64	73	78	80	72	61	52	34	58
46	37	46	*	*	68*	76	84	82	71	62	47	42	61*
47	36												36*
48										62*	45	40	45*
49	27	37	47	58	70	79	83	78	68	61	53	40	58
50	35	43	46	56	67	77	76	76	70	67	45	37	58
51	36	41	46	56	67	75	83	85	71	61	43	38	59
52	42	44	45	56	68	84	84	85	75	60	47	38	61
53	42	44	53	55	68	86	80	80	78	65	49	39	62
54	36	50	46	65	63	80	91	87	80	64	52	41	63
55	39	38	49	65	70	74	82	83	76	62	44	37	60
56	35	40	49	56	73	80	85	8	78	67	47	41	62
57	31	44	47	56	66	75	85	82	70	58	46	44	59
58	39	35	40	55	71	79	82	81	74	63	51	36	59
59	31	39	49	58	70	78	79	83	74	58	43	44	59
60	35	34	38	60	66	79	81	82	76	66*	52*	36*	59*
61	35	40*	50*	58*	67	75*	81*	79*	70*	63*	45*	34*	58*
62	31*	43*	46*	57*	76*	76*	82*	83*	72*	64*	50*	39*	60*
63	30*	41*	54*	64*	71	79*	84*	82*	74	71	50*	32*	62*
64	40*	38*	47*	63*	72*	78*	86*	80	72	61	50	36*	61*
65	37	40	40	64	71	77	85	81	73	63	54	46	61
66	30	36	52	56	67	78	86	77	69	61	52	36	59
67	39	39	54	64	64	75	77	77	68	60	45	36	59
68	35	36	51	58	63	77	81	81	72	63	46	35	58
69	36	42	41	61	69	77	87	83	76	59	51	41	60
70	31	42	44	61	73	79	84	85	75	58	45	44	60
71	35	37	51	61	68	81	83	80	74	64	51	40	61
72	33	40	54	64	68	80	81	81	75	61	44	32	60
73	33	40	53	56	67	78	81	82	69	63	51	39*	60*
74	33	43	53	59	72	74	84	78	65	62	46	37	59
75	37	30	43	58	67	76	80	82	68	64	49	40	58

E - 4 - 1A

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

MONTHLY MEAN TEMPERATURES IN FAHRENHEIT
FROM SUMMARY OF DAY DATA

STATION NUMBER: 723535

STATION NAME: VANCE AFB OK
LST TO UTC: +06

PERIOD OF RECORD: 4201-4701,4810-9110
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
76	37	50	50	60	63	76	80	82	71	55	42	37	59
77	29	45	52	62	73	81	83	79	77	63	50	40	61
78	25	28	46	59	65	77	86	82	79	64	51	38	59
79	24	29	49	55	64	76	82	80	73	64	46	42	57
80	37	36	45	56	67	80	88	87	77	62	50	42	61
81	39	44	51	67	67	81	85	81	76	61	51	40	62
82	32	33	48	54	66	73	82	86	76	63	48	41	59
83	36	40	47	52	64	74	84	87	77	63	50	24	58
84	34	47	46	56	68	81	84	85	75	63	49	41	61
85	30	37	53	65	73	77	84	81	74	60	44	33	59
86	41	41	52	60	67	77	83	76	74	60	43	39	60
87	33	44	48	59	71	77	80	81	72	59	49	38	59
88	31	38	46	56	68	77	78	83	74	58	48	41	58
89	40	30	48	60	68	74	80	78	69	64	50	32	58
90	45	44	51	59	68	84	81	82	76	60	52	34	61
91	32	47	53	61	72	79	83	82	71	61			64*
.....													
MEAN	34.9	39.9	48.1	58.9	68.1	77.8	82.6	81.7	73.1	61.9	48.2	38.1	59.6
.....													
TOTAL OBS	1487	1326	1437	1391	1413	1420	1453	1476	1414	1476	1400	1423	17116

NOTE: *THE VALUE IS BASED ON A MONTH WITH LESS THAN 90% OF THE DATA AVAILABLE FOR THE MONTH

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

DRY BULB TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723535

STATION NAME: VANCE AFB OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: JAN

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 0	LE 32	GE 65	GE 80	GE 93	
00-02	30.8	9.809	927	3	522	0	0	0	927
03-05	29.4	10.028	927	5	556	0	0	0	927
06-08	28.4	9.880	927	4	610	0	0	0	927
09-11	34.3	11.007	927	1	382	1	0	0	927
12-14	41.8	12.821	927	0	230	25	0	0	927
15-17	43.4	13.241	927	0	202	34	0	0	927
18-20	36.6	10.811	927	0	303	0	0	0	927
21-23	33.2	10.091	927	2	408	0	0	0	927
ALL HOURS	34.8	12.182	7416	15	3213	60	0	0	7416

MONTH: FEB

00-02	35.8	11.805	846	3	285	3	0	0	846
03-05	33.7	11.405	846	6	355	0	0	0	846
06-08	32.8	11.013	846	9	374	0	0	0	846
09-11	38.8	12.600	846	4	235	7	0	0	846
12-14	45.7	14.985	846	0	175	96	0	0	846
15-17	48.0	15.552	846	0	146	136	0	0	846
18-20	42.4	13.125	846	0	174	21	0	0	846
21-23	38.3	12.117	846	0	233	3	0	0	846
ALL HOURS	39.4	13.925	6768	22	1977	266	0	0	6768

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

DRY BULE TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723535

STATION NAME: VANCE AFB OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: MAR

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 0	LE 32	GE 65	GE 80	GE 93	
00-02	44.6	10.116	930	0	97	24	0	0	930
03-05	42.3	10.177	930	0	144	14	0	0	930
06-08	41.6	10.201	930	0	175	10	0	0	930
09-11	49.2	11.167	930	0	65	86	0	0	930
12-14	55.7	12.352	930	0	29	253	16	0	930
15-17	57.7	12.447	930	0	22	304	27	0	930
18-20	52.4	10.782	930	0	40	132	0	0	930
21-23	47.8	10.016	930	0	59	41	0	0	930
ALL HOURS	48.9	12.271	7440	0	631	864	43	0	7440

MONTH: APR

00-02	52.4	8.874	900	0	7	97	1	0	900
03-05	50.1	8.760	900	0	12	55	0	0	900
06-08	50.9	8.828	900	0	10	66	0	0	900
09-11	59.3	9.744	900	0	1	274	12	0	900
12-14	65.3	10.697	900	0	0	486	95	0	900
15-17	67.0	10.786	900	0	0	537	129	0	900
18-20	61.5	9.779	900	0	0	351	19	0	900
21-23	55.7	9.107	900	0	1	172	0	0	900
ALL HOURS	57.8	11.395	7200	0	31	2038	256	0	7200

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OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

DRY BULB TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723535

STATION NAME: VANCE AFB OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: MAY

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 0	LE 32	GE 65	GE 80	GE 93	
00-02	62.5	7.386	930	0	0	380	6	0	930
03-05	60.6	7.446	930	0	0	268	0	0	930
06-08	62.1	7.416	930	0	0	353	2	0	930
09-11	70.1	7.987	930	0	0	705	120	2	930
12-14	75.3	8.869	930	0	0	811	308	16	930
15-17	76.8	8.856	930	0	0	839	377	17	930
18-20	71.9	8.187	930	0	0	745	171	4	930
21-23	65.8	7.284	930	0	0	549	22	0	930
ALL HOURS	68.1	9.867	7440	0	0	4650	1006	39	7440

MONTH: JUN

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 0	LE 32	GE 65	GE 80	GE 93	
00-02	70.6	5.823	900	0	0	764	62	0	900
03-05	68.3	5.547	900	0	0	688	11	0	900
06-08	70.4	5.976	900	0	0	752	62	0	900
09-11	79.2	7.291	900	0	0	879	449	22	900
12-14	84.6	7.918	900	0	0	897	680	147	900
15-17	85.7	8.054	900	0	0	894	699	195	900
18-20	81.0	7.660	900	0	0	884	535	58	900
21-23	74.2	6.134	900	0	0	853	202	0	900
ALL HOURS	76.8	9.370	7200	0	0	6611	2700	422	7200

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

DRY BULB TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723535

STATION NAME: VANCE APB OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: JUL

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 0	LE 32	GE 65	GE 80	GE 93	
00-02	75.4	4.755	930	0	0	915	175	0	930
03-05	72.4	4.437	930	0	0	884	34	0	930
06-08	74.2	4.966	930	0	0	901	126	0	930
09-11	83.6	6.745	930	0	0	929	694	87	930
12-14	89.6	7.238	929	0	0	929	848	313	929
15-17	91.0	7.015	930	0	0	930	869	387	930
18-20	86.7	6.538	930	0	0	930	806	179	930
21-23	79.5	5.112	930	0	0	928	490	0	930
ALL HOURS	81.6	8.972	7439	0	0	7346	4042	966	7439

MONTH: AUG

00-02	75.9	5.377	930	0	0	899	239	0	930
03-05	73.0	4.976	930	0	0	871	57	0	930
06-08	73.7	5.368	930	0	0	877	127	0	930
09-11	83.1	7.647	930	0	0	920	643	99	930
12-14	89.7	8.346	930	0	0	930	818	384	930
15-17	91.2	8.274	930	0	0	927	838	495	930
18-20	86.2	7.625	929	0	0	922	754	194	929
21-23	79.6	6.128	930	0	0	914	503	4	930
ALL HOURS	81.5	9.572	7439	0	0	7260	3979	1176	7439

E - 5 - 1 - 4

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

DRY BULB TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723535

STATION NAME: VANCE AFB OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: SEP

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 0	LE 32	GE 65	GE 80	GE 93	
00-02	67.9	8.936	900	0	0	610	69	0	900
03-05	65.3	8.867	900	0	0	531	23	0	900
06-08	65.5	8.953	900	0	0	520	25	0	900
09-11	74.4	10.251	900	0	0	736	311	16	900
12-14	80.9	11.192	900	0	0	821	546	134	900
15-17	82.1	10.972	900	0	0	834	573	173	900
18-20	76.2	10.362	900	0	0	772	366	39	900
21-23	70.7	9.123	900	0	0	683	155	0	900
ALL HOURS	72.9	11.612	7200	0	0	5507	2068	362	7200

MONTH: OCT

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 0	LE 32	GE 65	GE 80	GE 93	
00-02	55.8	8.459	930	0	1	153	0	0	930
03-05	53.7	8.670	930	0	9	92	0	0	930
06-08	53.4	8.734	930	0	15	91	0	0	930
09-11	61.7	9.162	930	0	6	357	20	0	930
12-14	68.3	10.298	930	0	5	620	128	0	930
15-17	69.3	10.533	930	0	3	644	170	2	930
18-20	62.6	9.215	930	0	3	389	30	0	930
21-23	58.4	8.769	930	0	3	236	1	0	930
ALL HOURS	60.4	10.931	7440	0	45	2582	349	2	7440

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

DRY BULB TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723535

STATION NAME: VANCE AFB OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: NOV

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 0	LE 32	GE 65	GE 80	GE 93	
00-02	43.5	10.998	900	0	148	27	0	0	900
03-05	42.1	11.083	900	0	183	20	0	0	900
06-08	41.0	10.694	900	0	189	14	0	0	900
09-11	47.6	11.183	898	0	76	73	0	0	898
12-14	54.3	12.353	900	0	34	198	7	0	900
15-17	54.7	12.207	900	0	35	214	6	0	900
18-20	48.0	10.704	900	0	75	61	0	0	900
21-23	45.0	10.581	900	0	104	30	0	0	900
ALL HOURS	47.0	12.227	7198	0	844	637	13	0	7198

MONTH: DEC

00-02	32.6	11.464	901	10	392	0	0	0	901
03-05	31.1	11.442	900	10	450	0	0	0	900
06-08	30.2	11.730	921	13	511	0	0	0	921
09-11	35.3	12.590	921	6	308	3	0	0	921
12-14	41.9	13.910	921	0	196	20	0	0	921
15-17	43.0	14.013	921	0	182	29	0	0	921
18-20	36.9	11.976	904	6	266	1	0	0	904
21-23	34.1	11.447	897	9	340	0	0	0	897
ALL HOURS	35.7	13.161	7286	54	2645	53	0	0	7286

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

DRY BULB TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723535

STATION NAME: VANCE AFB OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: ALL

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 0	LE 32	GE 65	GE 80	GE 93	
00-02	54.1	18.176	10924	16	1452	3872	552	0	10924
03-05	52.0	17.787	10923	21	1709	3423	125	0	10923
06-08	52.1	18.637	10944	26	1884	3584	342	0	10944
09-11	59.9	20.311	10942	11	1073	4970	2249	226	10942
12-14	66.2	20.597	10943	0	669	6086	344	994	10943
15-17	67.6	20.594	10944	0	590	6322	3688	1269	10944
18-20	62.0	20.371	10926	6	861	5208	2681	474	10926
21-23	57.0	18.782	10920	11	1148	4409	1373	4	10920
ALL HOURS	58.9	20.258	87466	91	9386	37874	14456	2967	87466

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

WET BULB TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723535

STATION NAME: VANCE AFB OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: JAN

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 32	GE 50	GE 67	GE 73	GE 80	
00-02	27.7	8.874	927	663	10	0	0	0	927
03-05	26.6	9.180	927	696	6	0	0	0	927
06-08	25.9	9.203	927	719	6	0	0	0	927
09-11	30.4	9.585	927	507	18	0	0	0	927
12-14	34.9	9.838	927	338	44	0	0	0	927
15-17	35.7	9.960	927	309	59	0	0	0	927
18-20	31.7	9.126	927	477	20	0	0	0	927
21-23	29.5	8.875	926	591	15	0	0	0	926
ALL HOURS	30.3	9.937	7415	4300	178	0	0	0	7415

MONTH: FEB

00-02	32.2	10.862	846	397	47	0	0	0	846
03-05	30.8	10.701	846	462	32	0	0	0	846
06-08	30.1	10.472	846	498	22	0	0	0	846
09-11	34.4	10.917	846	321	48	0	0	0	846
12-14	38.4	11.400	845	233	140	0	0	0	845
15-17	39.6	11.537	846	212	190	0	0	0	846
18-20	36.6	11.031	846	264	95	0	0	0	846
21-23	34.0	10.827	846	327	53	0	0	0	846
ALL HOURS	34.5	11.461	6767	2714	627	0	0	0	6767

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

WET BULB TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723535

STATION NAME: VANCE AFB OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: MAR

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 32	GE 50	GE 67	GE 73	GE 80	
00-02	40.2	9.656	930	196	160	1	0	0	930
03-05	38.6	9.922	930	259	137	0	0	0	930
06-08	38.3	10.008	930	266	134	0	0	0	930
09-11	43.2	9.919	930	130	234	4	0	0	930
12-14	46.6	9.757	930	82	340	15	0	0	930
15-17	47.5	9.509	930	66	380	17	0	0	930
18-20	45.1	9.275	930	91	290	6	0	0	930
21-23	42.4	9.348	930	127	195	4	0	0	930
ALL HOURS	42.7	10.232	7440	1217	1870	47	0	0	7440

MONTH: APR

00-02	47.4	8.645	900	33	357	8	0	0	900
03-05	45.8	8.807	900	49	301	1	0	0	900
06-08	46.5	8.880	900	47	324	6	0	0	900
09-11	51.7	9.005	900	7	523	42	0	0	900
12-14	54.5	8.773	900	1	634	93	2	0	900
15-17	55.0	8.670	900	0	656	105	2	0	900
18-20	52.7	8.671	900	3	571	51	0	0	900
21-23	49.4	8.600	900	16	441	20	0	0	900
ALL HOURS	50.4	9.362	7200	156	3807	326	4	0	7200

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

WET BULB TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723535

STATION NAME: VANCE AFB OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: MAY

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 32	GE 50	GE 67	GE 73	GE 80	
00-02	57.8	7.199	930	0	788	99	5	0	930
03-05	56.7	7.450	930	0	760	82	2	0	930
06-08	57.7	7.196	930	0	802	100	5	0	930
09-11	61.9	6.748	930	0	886	258	53	0	930
12-14	63.9	6.585	930	0	906	370	81	2	930
15-17	64.3	6.419	929	0	906	369	82	3	929
18-20	62.5	6.524	930	0	898	267	51	1	930
21-23	59.8	6.760	930	0	852	146	9	0	930
ALL HOURS	60.6	7.427	7439	0	6798	1691	288	6	7439

MONTH: JUN

00-02	65.1	5.490	900	0	892	398	52	0	900
03-05	63.9	5.458	900	0	885	316	22	0	900
06-08	65.2	5.362	900	0	890	398	53	0	900
09-11	68.9	5.195	900	0	900	644	250	0	900
12-14	70.3	5.145	900	0	900	693	351	3	900
15-17	70.4	4.911	899	0	899	709	335	7	899
18-20	68.6	4.961	900	0	900	634	204	2	900
21-23	66.6	5.166	900	0	900	514	98	0	900
ALL HOURS	67.4	5.712	7199	0	7166	4306	1365	12	7199

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

WET BULB TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723535

STATION NAME: VANCE AFB OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: JUL

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 32	GE 50	GE 67	GE 73	GE 80	
00-02	67.6	3.551	930	0	930	651	30	0	930
03-05	66.4	3.665	930	0	930	531	21	0	930
06-08	67.7	3.671	930	0	929	629	55	0	930
09-11	71.3	3.372	930	0	930	827	375	0	930
12-14	72.6	3.264	929	0	929	875	543	8	929
15-17	72.4	3.079	930	0	930	892	508	7	930
18-20	70.9	3.197	930	0	930	842	292	0	930
21-23	69.0	3.462	930	0	930	731	104	0	930
ALL HOURS	69.7	4.106	7439	0	7438	5978	1928	15	7439

MONTH: AUG

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 32	GE 50	GE 67	GE 73	GE 80	
00-02	67.6	4.318	930	0	930	646	64	0	930
03-05	66.4	4.473	930	0	924	549	16	0	930
06-08	67.1	4.497	930	0	929	596	58	0	930
09-11	71.1	4.440	930	0	930	795	426	3	930
12-14	72.7	4.372	930	0	930	832	586	18	930
15-17	72.5	4.390	930	0	930	830	561	11	930
18-20	70.6	4.514	929	0	929	784	366	2	929
21-23	68.8	4.453	930	0	930	693	154	0	930
ALL HOURS	69.6	4.948	7439	0	7432	5725	2231	34	7439

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

WET BULB TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723535

STATION NAME: VANCE AFB OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: SEP

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 32	GE 50	GE 67	GE 73	GE 80	
00-02	60.5	8.114	900	0	781	286	5	0	900
03-05	59.2	8.397	900	0	765	230	0	0	900
06-08	59.7	8.536	900	1	762	252	2	0	900
09-11	64.1	8.267	900	0	836	413	146	0	900
12-14	66.1	8.019	900	0	854	508	240	3	900
15-17	66.0	7.548	900	0	862	507	195	0	900
18-20	63.7	7.582	900	0	849	389	73	0	900
21-23	61.7	7.879	900	0	820	293	24	0	900
ALL HOURS	62.6	8.430	7200	1	6529	2878	685	3	7200

MONTH: OCT

00-02	50.3	8.563	930	16	493	20	0	0	930
03-05	48.9	8.835	930	24	446	20	0	0	930
06-08	48.8	8.882	930	27	437	13	0	0	930
09-11	53.9	8.296	930	9	627	42	0	0	930
12-14	56.8	8.216	930	6	745	107	9	0	930
15-17	57.0	8.210	930	6	746	116	10	0	930
18-20	54.0	8.250	930	7	623	44	1	0	930
21-23	51.8	8.568	930	14	547	27	0	0	930
ALL HOURS	52.7	9.003	7440	109	4664	389	20	0	7440

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OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

WET BULB TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723535

STATION NAME: VANCE AFB OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: NOV

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 32	GE 50	GE 67	GE 73	GE 80	
00-02	39.3	10.405	900	243	153	3	0	0	900
03-05	38.3	10.573	900	288	142	2	0	0	900
06-08	37.5	10.357	900	320	125	1	0	0	900
09-11	41.9	9.931	898	159	196	4	0	0	898
12-14	45.6	9.751	900	86	321	6	0	0	900
15-17	45.7	9.760	900	78	316	9	0	0	900
18-20	42.0	9.541	900	142	194	2	0	0	900
21-23	40.1	9.769	900	213	155	0	0	0	900
ALL HOURS	41.3	10.441	7198	1529	1602	27	0	0	7198

MONTH: DEC

00-02	29.5	10.689	901	529	22	0	0	0	901
03-05	28.3	10.794	900	583	18	0	0	0	900
06-08	27.7	11.238	921	631	18	0	0	0	921
09-11	31.6	11.377	921	447	26	0	0	0	921
12-14	35.6	11.438	921	302	51	0	0	0	921
15-17	36.4	11.423	921	284	69	1	0	0	921
18-20	32.6	10.729	904	388	27	0	0	0	904
21-23	30.6	10.489	897	462	15	0	0	0	897
ALL HOURS	31.6	11.418	7286	3626	246	1	0	0	7286

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OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

WET BULB TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723535

STATION NAME: VANCE AFB OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: ALL

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 32	GE 50	GE 67	GE 73	GE 80	
00-02	48.9	16.556	10924	2077	5563	2112	156	0	10924
03-05	47.6	16.640	10923	2361	5346	1731	61	0	10923
06-08	47.8	17.273	10944	2509	5378	1995	173	0	10944
09-11	52.1	17.091	10942	1580	6154	3029	1250	3	10942
12-14	54.9	16.168	10942	1048	6794	3499	1812	34	10942
15-17	55.3	15.797	10942	955	6943	3555	1693	28	10942
18-20	52.7	16.322	10926	1372	6326	3019	987	5	10926
21-23	50.5	16.410	10919	1750	5853	2428	389	0	10919
ALL HOURS	51.2	16.777	87462	13652	48357	21368	6521	70	87462

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OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

DEW POINT TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723535

STATION NAME: VANCE AFB OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: JAN

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F				TOTAL HOURS
				LE 27	GE 37	LE 55	GE 65	
00-02	21.1	10.616	927	676	41	927	0	927
03-05	20.4	10.959	927	691	45	927	0	927
06-08	20.0	11.092	927	705	39	927	0	927
09-11	22.9	11.338	927	586	64	924	0	927
12-14	23.8	11.238	927	543	84	924	0	927
15-17	23.9	11.377	927	564	89	924	0	927
18-20	22.9	11.011	927	610	78	925	0	927
21-23	22.2	10.692	926	638	54	924	0	926
ALL HOURS	22.2	11.148	7415	5013	494	7402	0	7415

MONTH: FEB

00-02	26.0	12.689	846	457	157	845	0	845
03-05	25.1	12.641	846	474	130	846	0	845
06-08	24.7	12.359	846	474	121	846	0	845
09-11	27.4	12.407	846	375	188	843	0	845
12-14	28.5	12.303	845	351	210	840	0	845
15-17	28.4	12.521	846	372	206	839	0	845
18-20	28.0	12.765	846	377	191	840	0	845
21-23	26.9	12.621	846	410	168	841	0	845
ALL HOURS	26.9	12.626	6767	3290	1371	6740	0	6767

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

DEW POINT TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723535

STATION NAME: VANCE AFB OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: MAR

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F				TOTAL HOURS
				LE 27	GE 37	LE 55	GE 65	
00-02	34.4	11.679	930	244	377	895	1	930
03-05	33.4	11.827	930	278	339	888	0	930
06-08	33.4	11.891	930	271	337	887	0	930
09-11	35.9	12.037	930	196	436	864	4	930
12-14	36.4	12.129	930	194	448	866	9	930
15-17	36.3	12.090	930	214	437	863	5	930
18-20	36.5	11.885	930	197	468	874	3	930
21-23	35.7	11.625	930	207	426	889	1	930
ALL HOURS	35.3	11.970	7440	1801	3268	7026	23	7440

MONTH: APR

00-02	42.0	10.728	900	81	595	787	9	900
03-05	41.1	10.788	900	87	556	798	7	900
06-08	41.8	10.904	900	89	583	790	11	900
09-11	44.4	11.641	900	71	674	726	28	900
12-14	44.8	11.732	900	75	670	712	30	900
15-17	44.4	11.813	900	72	654	715	33	900
18-20	44.4	11.407	900	68	672	729	30	900
21-23	43.1	10.789	900	73	639	772	14	900
ALL HOURS	43.2	11.336	7200	616	5043	6029	162	7200

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OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

DEW POINT TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723535

STATION NAME: VANCE AFB OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: MAY

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F				TOTAL HOURS
				LE 27	GE 37	LE 55	GE 65	
00-02	54.3	8.395	930	0	915	458	97	930
03-05	53.6	8.664	930	0	902	495	88	930
06-08	54.5	8.367	930	0	909	469	106	930
09-11	56.3	8.495	930	0	917	377	163	930
12-14	56.5	8.606	930	0	921	380	168	930
15-17	56.2	8.737	929	0	911	390	153	929
18-20	56.3	8.389	930	0	920	393	145	930
21-23	55.5	8.201	930	0	922	419	124	930
ALL HOURS	55.4	8.568	7439	0	7317	3381	1044	7439

MONTH: JUN

00-02	61.7	6.716	900	0	895	145	357	900
03-05	61.1	6.582	900	0	894	142	314	900
06-08	62.2	6.406	900	0	895	116	376	900
09-11	63.4	6.697	900	0	897	115	481	900
12-14	62.9	6.934	900	0	897	136	444	900
15-17	62.2	6.922	899	0	896	145	392	900
18-20	61.8	6.807	900	0	897	151	350	900
21-23	62.2	6.611	900	0	897	135	381	900
ALL HOURS	62.2	6.783	7199	0	7168	1085	3095	7199

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OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

DEW POINT TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723535

STATION NAME: VANCE AFB OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: JUL

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F				TOTAL HOURS
				LE 27	GE 37	LE 55	GE 65	
00-02	63.3	4.600	930	0	930	72	420	930
03-05	63.0	4.459	930	0	930	67	388	930
06-08	64.1	4.219	930	0	930	49	483	930
09-11	65.2	4.344	930	0	930	37	603	930
12-14	64.2	4.930	929	0	929	61	516	929
15-17	63.1	5.083	930	0	930	82	418	930
18-20	62.6	5.287	930	0	930	99	406	930
21-23	63.3	5.043	930	0	930	87	462	930
ALL HOURS	63.6	4.864	7439	0	7439	554	3696	7439

MONTH: AUG

00-02	63.0	5.655	930	0	930	101	434	930
03-05	62.6	5.624	930	0	930	113	412	930
06-08	63.3	5.446	930	0	930	90	469	930
09-11	65.1	5.441	930	0	930	62	592	930
12-14	64.4	5.951	930	0	930	77	515	930
15-17	63.0	6.257	930	0	930	118	418	930
18-20	62.5	6.592	929	0	929	136	394	930
21-23	62.8	6.146	930	0	930	118	434	930
ALL HOURS	63.3	6.005	7439	0	7439	815	3668	7439

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

DEW POINT TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723535

STATION NAME: VANCE AFB OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: SEP

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F				TOTAL HOURS
				LE 27	GE 37	LE 55	GE 65	
00-02	55.3	9.901	900	0	863	411	183	900
03-05	54.8	9.862	900	6	858	436	174	900
06-08	55.5	10.045	900	9	863	417	205	900
09-11	57.6	10.152	900	6	868	341	286	900
12-14	57.1	10.480	900	9	863	352	277	900
15-17	55.9	10.299	900	11	855	390	204	900
18-20	55.4	10.021	900	6	855	408	183	900
21-23	55.4	9.926	900	3	862	411	177	900
ALL HOURS	55.9	10.154	7200	50	6887	3166	1689	7200

MONTH: OCT

00-02	44.8	10.938	930	58	699	755	18	930
03-05	44.0	10.966	930	67	676	777	21	930
06-08	44.2	11.066	930	69	676	765	16	930
09-11	46.9	10.937	930	32	751	689	22	930
12-14	47.3	11.404	930	45	734	664	34	930
15-17	46.6	11.602	930	56	721	678	40	930
18-20	46.1	11.315	930	54	731	702	21	930
21-23	45.5	11.234	930	52	717	730	25	930
ALL HOURS	45.7	11.260	7440	433	5705	5760	197	7440

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

DEW POINT TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723535

STATION NAME: VANCE AFB OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: NOV

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F				TOTAL HOURS
				LE 27	GE 37	LE 55	GE 65	
00-02	33.5	12.309	900	306	330	846	5	900
03-05	32.9	12.352	900	332	304	849	2	900
06-08	32.2	12.186	900	341	293	860	1	900
09-11	34.8	11.856	898	253	365	856	7	898
12-14	35.5	11.905	900	233	405	859	8	900
15-17	35.1	12.268	900	253	395	860	9	900
18-20	34.3	11.739	900	260	373	867	5	900
21-23	33.5	11.780	900	294	334	861	0	900
ALL HOURS	34.0	12.125	7198	2272	2799	6858	37	7198

MONTH: DEC

00-02	23.3	12.423	901	566	111	899	0	921
03-05	22.5	12.521	900	605	105	896	0	921
06-08	22.2	13.067	921	625	110	912	0	921
09-11	24.9	13.009	921	497	136	912	0	921
12-14	26.2	12.524	921	454	172	912	1	921
15-17	26.5	12.647	921	445	184	913	1	921
18-20	25.2	12.391	904	486	146	903	0	921
21-23	24.0	12.143	897	522	120	897	0	921
ALL HOURS	24.4	12.699	7286	4200	1084	7244	2	7286

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

DEW POINT TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723535

STATION NAME: VANCE AFB OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: ALL

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F				TOTAL HOURS
				LE 27	GE 37	LE 55	GE 65	
00-02	43.7	18.203	10924	2388	6843	7141	1524	10924
03-05	43.0	18.354	10923	2540	6669	7234	1406	10923
06-08	43.3	18.837	10944	2583	6686	7128	1667	10944
09-11	45.5	18.468	10942	2016	7156	6746	2186	10942
12-14	45.7	17.943	10942	1904	7263	6783	2002	10942
15-17	45.2	17.659	10942	1987	7208	6917	1673	10942
18-20	44.8	17.678	10926	2058	7190	7027	1537	10926
21-23	44.3	17.979	10919	2199	6999	7084	1618	10919
ALL HOURS	44.5	18.169	87462	17675	56014	56060	13613	87462

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OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF RELATIVE HUMIDITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723535

STATION NAME: VANCE AFB OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: JAN

HOURLS LST	10%	20%	RELATIVE HUMIDITY GREATER THAN OR EQUAL TO								90%	MEAN	TOTAL OBS
			30%	40%	50%	60%	70%	80%					
00-02	100.0	100.0	99.0	94.6	86.7	66.9	42.5	20.8	6.5	66.2			927
03-05	100.0	99.9	99.2	96.3	89.2	73.4	45.0	23.7	8.3	68.0			927
06-08	100.0	100.0	99.6	97.3	90.4	75.3	49.1	26.6	8.4	69.3			927
09-11	100.0	100.0	97.5	91.3	78.2	58.0	36.5	18.1	4.2	63.0			927
12-14	100.0	97.5	87.2	69.3	47.4	30.6	17.6	10.0	2.3	50.5			927
15-17	100.0	96.1	83.4	61.7	42.7	26.5	15.6	8.1	2.3	48.0			927
18-20	100.0	99.5	95.4	83.5	66.6	45.2	25.8	12.7	3.5	57.9			927
21-23	100.0	100.0	97.7	92.7	79.3	59.6	35.0	17.4	5.6	63.3			926
ALL HOURS	100.0	99.1	94.9	85.8	72.6	54.4	33.4	17.2	5.1	60.8			7415

MONTH: FEB

00-02	100.0	100.0	99.6	96.6	88.2	67.7	45.5	23.4	7.3	67.3			846
03-05	100.0	100.0	99.6	97.6	93.4	76.1	49.8	25.9	10.3	70.0			846
06-08	100.0	100.0	99.9	98.3	95.3	80.3	55.7	26.4	9.9	71.3			846
09-11	100.0	100.0	98.5	93.3	78.5	59.1	37.6	20.7	8.4	64.2			846
12-14	100.0	98.7	89.1	70.2	50.4	36.8	26.9	15.6	5.6	53.9			845
15-17	100.0	96.8	80.4	62.6	45.0	31.7	22.2	12.6	3.0	49.9			846
18-20	100.0	99.6	94.8	82.5	64.3	44.9	30.4	15.5	5.0	58.2			846
21-23	100.0	99.6	99.2	92.3	79.3	56.6	39.0	21.6	5.7	63.9			846
ALL HOURS	100.0	99.3	95.1	86.7	74.3	56.7	38.4	20.2	6.9	62.3			6767

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF RELATIVE HUMIDITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723535

STATION NAME: VANCE AFB OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: MAR

HOURS LST	RELATIVE HUMIDITY GREATER THAN OR EQUAL TO										TOTAL OBS
	10%	20%	30%	40%	50%	60%	70%	80%	90%	MEAN	
00-02	100.0	100.0	99.9	97.1	87.5	69.5	48.4	25.7	5.3	67.8	930
03-05	100.0	100.0	99.9	99.6	91.7	78.4	54.1	30.4	9.4	70.7	930
06-08	100.0	100.0	99.9	99.6	94.1	80.5	58.4	34.7	10.5	72.3	930
09-11	100.0	100.0	98.8	88.9	71.3	51.0	35.5	21.4	6.1	61.8	930
12-14	100.0	98.4	87.8	65.9	47.6	32.4	21.7	11.3	2.3	51.2	930
15-17	100.0	96.6	80.5	59.0	40.9	27.4	18.1	10.1	1.8	48.1	930
18-20	100.0	99.6	94.3	79.7	62.2	41.5	28.2	14.3	3.5	56.7	930
21-23	100.0	100.0	99.1	92.5	77.6	60.1	39.6	21.2	4.5	64.1	930
ALL HOURS	100.0	99.3	95.0	85.3	71.6	55.1	38.0	21.1	5.4	61.6	7440

MONTH: APR

HOURS LST	10%	20%	30%	40%	50%	60%	70%	80%	90%	MEAN	TOTAL OBS
00-02	100.0	100.0	99.7	97.3	90.3	72.6	48.2	26.9	7.2	68.7	900
03-05	100.0	100.0	99.8	98.6	93.7	81.7	57.8	31.1	10.8	71.7	900
06-08	100.0	100.0	100.0	98.4	93.0	79.2	60.2	32.0	10.9	71.8	900
09-11	100.0	100.0	98.7	87.7	69.0	46.4	29.3	16.4	5.7	59.7	900
12-14	100.0	99.6	89.6	68.3	44.0	29.4	16.3	8.2	3.3	50.2	900
15-17	100.0	99.1	84.2	58.2	37.2	25.6	12.6	6.6	2.7	47.0	900
18-20	100.0	99.7	96.1	81.2	58.2	38.0	23.3	10.9	3.6	55.6	900
21-23	100.0	100.0	99.4	95.1	82.1	56.7	37.2	20.6	6.1	64.1	900
ALL HOURS	100.0	99.8	95.9	85.6	70.9	53.7	35.6	19.1	6.3	61.1	7200

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF RELATIVE HUMIDITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723535

STATION NAME: VANCE AFB OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: MAY

HOURS LST	RELATIVE HUMIDITY GREATER THAN OR EQUAL TO										TOTAL OBS
	10%	20%	30%	40%	50%	60%	70%	80%	90%	MEAN	
00-02	100.0	100.0	99.7	99.6	97.3	89.9	71.8	43.9	11.9	75.6	930
03-05	100.0	100.0	99.9	99.6	98.5	94.2	79.6	52.9	15.8	78.4	930
06-08	100.0	100.0	100.0	99.4	98.3	91.3	75.4	47.1	13.3	76.9	930
09-11	100.0	100.0	99.1	95.8	80.5	59.6	34.9	15.5	4.0	63.5	930
12-14	100.0	99.5	97.0	81.1	59.9	36.5	16.8	5.9	2.2	54.3	930
15-17	100.0	99.5	93.1	75.0	53.1	29.4	13.2	5.6	1.6	51.5	929
18-20	100.0	100.0	98.4	89.9	72.6	51.1	29.1	12.6	3.4	60.1	930
21-23	100.0	100.0	100.0	99.6	92.5	78.8	57.1	29.4	7.2	70.8	930
ALL HOURS	100.0	99.9	98.4	92.5	81.6	66.3	47.3	26.6	7.4	66.4	7439

MONTH: JUN

00-02	100.0	100.0	100.0	99.1	97.9	89.2	67.2	36.9	9.6	74.4	900
03-05	100.0	100.0	100.0	99.3	98.9	95.2	80.0	51.1	15.8	78.4	900
06-08	100.0	100.0	100.0	99.2	98.2	91.7	72.8	42.8	13.8	76.2	900
09-11	100.0	100.0	99.0	92.9	76.4	50.7	25.7	10.0	2.1	60.2	900
12-14	100.0	100.0	95.3	75.8	48.2	21.3	10.4	4.1	1.2	50.1	900
15-17	100.0	100.0	92.1	67.9	36.9	19.0	9.1	4.4	1.2	47.6	899
18-20	100.0	100.0	97.4	82.3	58.1	32.9	17.6	8.2	2.7	54.1	900
21-23	100.0	100.0	99.9	98.2	90.7	73.0	45.1	18.6	4.4	67.5	900
ALL HOURS	100.0	100.0	98.0	89.3	75.7	59.1	41.0	22.0	6.3	63.6	7199

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF RELATIVE HUMIDITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723535

STATION NAME: VANCE AFB OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: JUL

HOURS LST	RELATIVE HUMIDITY GREATER THAN OR EQUAL TO										TOTAL OBS
	10%	20%	30%	40%	50%	60%	70%	80%	90%	MEAN	
00-02	100.0	100.0	99.9	99.0	92.5	75.1	42.9	14.3	1.8	67.2	930
03-05	100.0	100.0	100.0	100.0	98.8	90.6	64.9	26.3	5.1	73.0	930
06-08	100.0	100.0	100.0	99.9	97.7	86.6	58.6	23.0	4.2	71.7	930
09-11	100.0	100.0	98.8	88.8	68.7	36.8	14.9	4.3	.4	55.7	930
12-14	100.0	99.5	89.1	64.0	33.4	12.8	5.4	1.3		45.0	929
15-17	100.0	98.8	83.7	50.9	22.2	9.9	4.2	1.3	.1	41.7	930
18-20	100.0	99.8	90.6	67.0	39.1	17.7	6.5	1.7		46.7	930
21-23	100.0	100.0	99.4	93.1	76.3	50.1	21.8	5.5	.3	59.1	930
ALL HOURS	100.0	99.8	95.2	82.8	66.1	47.5	27.4	9.7	1.5	57.5	7439

MONTH: AUG

00-02	100.0	100.0	100.0	98.5	90.5	67.7	36.9	13.5	2.0	65.6	930
03-05	100.0	100.0	100.0	99.4	96.8	84.5	56.2	22.4	5.4	71.0	930
06-08	100.0	100.0	100.0	100.0	96.6	85.6	55.9	23.1	4.5	71.0	930
09-11	100.0	100.0	99.2	89.2	66.0	38.5	18.5	7.4	1.0	56.5	930
12-14	100.0	99.8	88.5	59.5	31.9	18.2	8.0	1.8	1.0	45.5	930
15-17	100.0	99.0	80.2	46.0	23.9	12.8	4.9	1.3	.2	41.4	930
18-20	100.0	99.8	91.2	64.4	39.3	22.4	9.1	2.7	.3	47.4	929
21-23	100.0	100.0	99.2	93.3	69.8	44.5	22.3	7.6	1.1	58.4	930
ALL HOURS	100.0	99.8	94.8	81.3	64.4	46.8	26.5	10.0	1.9	57.1	7439

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF RELATIVE HUMIDITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723535

STATION NAME: VANCE AFB OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: SEP

HOURS LST	RELATIVE HUMIDITY GREATER THAN OR EQUAL TO										TOTAL OBS
	10%	20%	30%	40%	50%	60%	70%	80%	90%	MEAN	
00-02	100.0	100.0	99.2	97.6	82.9	65.2	44.6	16.8	5.2	65.6	900
03-05	100.0	100.0	100.0	99.0	92.4	75.2	54.4	25.2	7.1	69.8	900
06-08	100.0	100.0	100.0	99.3	93.7	78.8	57.3	29.1	7.9	71.1	900
09-11	100.0	100.0	98.8	86.8	66.7	45.4	25.2	9.8	2.3	58.0	900
12-14	100.0	99.3	85.9	59.6	41.2	21.6	10.4	4.3	1.7	47.0	900
15-17	100.0	98.1	76.4	52.2	32.9	18.1	6.9	3.6	1.7	43.7	900
18-20	100.0	99.3	91.2	69.6	51.2	33.0	16.4	6.6	2.7	51.5	900
21-23	100.0	100.0	98.3	90.0	72.2	52.0	32.9	10.9	3.7	60.5	900
ALL HOURS	100.0	99.6	93.7	81.8	66.7	48.7	31.3	13.3	4.0	58.4	7200

MONTH: OCT

00-02	100.0	100.0	99.7	97.3	85.4	69.4	46.3	27.1	10.6	67.9	930
03-05	100.0	100.0	99.7	98.5	91.5	76.2	54.3	32.2	12.9	70.8	930
06-08	100.0	100.0	99.8	98.5	93.9	79.0	57.5	36.5	13.2	72.1	930
09-11	100.0	100.0	98.5	86.6	68.6	49.5	34.3	18.2	7.2	60.7	930
12-14	100.0	99.4	86.9	63.9	45.9	29.8	18.9	9.8	3.5	50.3	930
15-17	100.0	98.4	81.0	57.6	40.1	26.3	17.7	8.7	2.4	47.8	930
18-20	100.0	99.9	95.8	81.5	61.1	42.8	28.9	16.3	5.3	57.5	930
21-23	100.0	100.0	99.2	92.0	78.5	58.5	39.4	22.6	8.2	64.0	930
ALL HOURS	100.0	99.7	95.1	84.5	70.6	53.9	37.2	21.4	7.9	61.4	7440

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF RELATIVE HUMIDITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723535

STATION NAME: VANCE AFB OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: NOV

HOURS LST	RELATIVE HUMIDITY GREATER THAN OR EQUAL TO										TOTAL OBS
	10%	20%	30%	40%	50%	60%	70%	80%	90%	MEAN	
00-02	100.0	100.0	99.7	95.8	86.9	71.4	47.9	25.9	10.6	68.3	900
03-05	100.0	100.0	99.8	97.4	89.8	74.6	54.0	29.4	11.0	70.2	900
06-08	100.0	100.0	100.0	98.7	91.0	74.6	57.1	30.2	10.4	70.9	900
09-11	100.0	99.7	98.1	90.5	73.8	56.9	36.4	20.2	6.3	62.7	898
12-14	100.0	98.9	88.0	68.4	50.7	32.9	20.3	11.3	4.6	52.0	900
15-17	100.0	97.9	84.2	66.2	46.7	31.7	20.7	10.6	3.7	50.7	900
18-20	100.0	99.9	96.4	85.4	73.1	51.9	32.2	16.0	5.1	60.6	900
21-23	100.0	100.0	98.4	91.6	81.1	64.4	39.8	21.2	7.7	65.0	900
ALL HOURS	100.0	99.5	95.6	86.8	74.1	57.3	38.6	20.6	7.4	62.5	7198

MONTH: DEC

00-02	100.0	99.9	99.7	97.3	87.6	69.5	47.8	25.0	7.7	68.0	901
03-05	100.0	100.0	99.3	98.0	91.1	73.7	49.9	25.6	9.7	69.4	900
06-08	100.0	100.0	99.9	99.0	94.4	78.3	54.3	25.6	11.7	70.9	921
09-11	100.0	100.0	99.1	94.6	81.0	64.5	41.3	22.6	9.3	65.7	921
12-14	100.0	99.5	94.0	76.9	57.3	37.5	24.0	12.6	4.7	55.3	921
15-17	100.0	99.0	91.9	75.2	54.3	34.6	21.7	12.3	4.8	53.9	921
18-20	100.0	99.9	98.5	91.4	78.0	56.4	34.4	17.3	5.0	62.6	904
21-23	100.0	99.9	99.4	95.5	82.5	65.3	43.5	22.5	6.0	66.2	897
ALL HOURS	100.0	99.8	97.7	90.9	78.2	59.9	39.6	20.4	7.4	64.0	7286

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF RELATIVE HUMIDITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723535

STATION NAME: VANCE AFB OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: ALL

HOURS LST	RELATIVE HUMIDITY GREATER THAN OR EQUAL TO									MEAN	TOTAL OBS
	10%	20%	30%	40%	50%	60%	70%	80%	90%		
00-02	100.0	100.0	99.7	97.5	89.5	72.9	49.2	25.0	7.1	68.6	10924
03-05	100.0	100.0	99.8	98.6	93.8	81.2	55.4	31.4	10.1	71.8	10923
06-08	100.0	100.0	99.9	99.0	94.7	81.8	59.4	31.5	9.9	72.1	10944
09-11	100.0	100.0	98.7	90.5	73.2	51.3	30.8	15.3	4.7	61.0	10942
12-14	100.0	99.2	89.9	68.6	46.5	28.3	15.3	8.0	2.7	50.4	10942
15-17	100.0	98.3	84.3	61.0	39.6	24.4	14.0	7.1	2.1	47.6	10942
18-20	100.0	99.7	95.0	79.8	60.2	39.7	23.4	11.2	3.3	55.7	10926
21-23	100.0	100.0	99.1	93.8	80.1	60.0	37.7	18.2	5.0	63.9	10919
ALL HOURS	100.0	99.6	95.8	86.1	72.2	54.9	36.1	18.5	5.6	61.4	87462

PPPPPPPP	AAAAAA	RRRRRRRR	TTTTTTTTTT	FFFFFFFFFFFF
PPPPPPPPPP	AAAAAAAAA	RRRRRRRRRR	TTTTTTTTTTT	FFFFFFFFFFFF
PP PP	AA AA	RR RR	TT	FF
PP PP	AA AA	RR RR	TT	FF
PPPPPPPPPP	AA AA	RRRRRRRRRR	TT	FFFFFFF
PPPPPPPP	AAAAAAAAA	RRRRRRRR	TT	FFFFFFF
PP	AAAAAAAAA	RR RR	TT	FF
PP	AA AA	RR RR	TT	FF
PP	AA AA	RR RR	TT	FF
PP	AA AA	RR RR	TT	FF

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PART F

PRESSURE SUMMARIES

ALL PRESSURE DATA IN PART F IS TAKEN FROM HOURLY OBSERVATIONS. IT IS SUMMARIZED:

- BY EIGHT 3-HOUR STANDARD SYNOPTIC REPORTING TIME PERIODS FOR EACH MONTH (ALL YEARS COMBINED).
- BY MONTH (ALL YEARS AND ALL HOURS COMBINED).
- BY YEAR (ALL YEARS AND ALL HOURS COMBINED).

SEA LEVEL PRESSURE.

IN MILLIBARS, TABLES GIVE MEANS, STANDARD DEVIATIONS, AND TOTAL OBSERVATION COUNTS. THIS SUMMARY IS NOT AVAILABLE FOR METAR REPORTING SITES.

ALTIMETER SETTING.

IN INCHES OF MERCURY (HG), TABLES GIVE MEANS, STANDARD DEVIATIONS, AND TOTAL OBSERVATION COUNTS.

STATION PRESSURE.

IN INCHES OF MERCURY (HG), TABLES GIVE MEANS, STANDARD DEVIATIONS AND TOTAL OBSERVATION COUNTS.

PRESSURE CONVERSIONS ARE: 1 MILLIBAR = 0.02953 INCHES OF MERCURY (HG).

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

SEA LEVEL PRESSURE IN MILLIBARS
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723535

STATION NAME: VANCE AFB OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 82 - DEC 91

HOURS (LST)	STATS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
0000	MEAN	1021.2	1019.5	1014.9	1013.3	1012.3	1012.9	1014.4	1014.5	1015.7	1017.4	1017.1	1021.3	1016.2
	SD	8.318	9.135	8.748	7.516	5.757	3.983	3.344	3.401	5.328	6.244	8.618	8.818	7.528
	TOT OBS	309	282	310	300	310	300	310	310	299	310	300	299	3639
0300	MEAN	1020.8	1019.2	1014.5	1012.9	1011.8	1012.5	1014.2	1014.3	1015.6	1017.2	1016.8	1021.1	1015.9
	SD	8.484	9.166	8.860	7.715	5.886	4.050	3.328	3.391	5.371	6.344	8.725	8.828	7.616
	TOT OBS	309	282	310	300	310	300	310	310	300	310	300	300	3641
0600	MEAN	1020.9	1019.4	1015.0	1013.5	1012.5	1013.3	1014.9	1014.9	1016.2	1017.8	1017.1	1021.2	1016.4
	SD	8.518	9.118	8.977	7.818	5.975	4.141	3.374	3.503	5.366	6.494	8.717	8.845	7.587
	TOT OBS	309	282	310	300	310	299	310	310	300	309	300	307	3646
0900	MEAN	1022.1	1020.7	1016.2	1014.6	1013.5	1014.0	1015.6	1015.7	1017.2	1018.8	1018.4	1022.4	1017.4
	SD	8.509	9.095	9.136	7.874	6.064	4.181	3.445	3.611	5.408	6.540	8.839	8.778	7.682
	TOT OBS	309	282	310	300	309	300	310	310	299	310	299	306	3644
1200	MEAN	1022.0	1020.7	1015.9	1014.2	1013.0	1013.5	1015.1	1015.1	1016.6	1018.2	1017.8	1022.1	1017.0
	SD	8.492	8.999	9.074	7.840	5.925	4.103	3.380	3.597	5.416	6.456	8.920	8.967	7.711
	TOT OBS	309	282	310	300	309	300	310	309	300	309	300	307	3645
1500	MEAN	1019.7	1018.4	1013.8	1012.5	1011.5	1012.0	1013.5	1013.4	1014.6	1016.2	1015.9	1020.1	1015.1
	SD	8.352	8.879	8.813	7.580	5.741	3.999	3.281	3.530	5.339	6.313	8.893	8.883	7.498
	TOT OBS	308	282	310	300	310	300	310	310	300	310	300	307	3647
1800	MEAN	1020.2	1018.6	1013.6	1011.9	1010.7	1011.0	1012.5	1012.5	1014.2	1016.3	1016.4	1020.6	1014.9
	SD	8.172	8.749	8.505	7.394	5.602	3.945	3.209	3.477	5.313	6.170	8.651	8.725	7.575
	TOT OBS	309	282	310	300	310	300	310	309	300	310	300	306	3646
2100	MEAN	1020.9	1019.6	1014.7	1013.1	1011.7	1012.1	1013.6	1013.9	1015.5	1017.3	1017.2	1021.4	1015.9
	SD	8.168	8.834	8.504	7.289	5.544	3.942	3.266	3.409	5.273	6.166	8.623	8.706	7.499
	TOT OBS	309	282	310	300	310	300	310	310	300	310	300	299	3640
ALL HOURS	MEAN	1021.0	1019.5	1014.8	1013.2	1012.1	1012.7	1014.2	1014.3	1015.7	1017.4	1017.1	1021.3	1016.1
	SD	8.412	9.034	8.870	7.674	5.873	4.142	3.458	3.616	5.429	6.397	8.780	8.847	7.630
	TOT OBS	2471	2256	2480	2400	2478	2399	2480	2478	2398	2478	2399	2431	29148

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

ALTIMETER SETTING IN INCHES
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723535

STATION NAME: VANCE AFB OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 82 - DEC 91

HOURLS (LST)	STATS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
0000	MEAN	30.13	30.09	29.97	29.94	29.92	29.95	30.00	30.01	30.03	30.06	30.03	30.14	30.02
	SD	.233	.254	.247	.214	.164	.115	.095	.095	.147	.175	.242	.243	.206
	TOT OBS	309	282	310	300	310	300	310	310	299	310	300	301	3641
0300	MEAN	30.12	30.08	29.96	29.93	29.91	29.94	30.00	30.00	30.03	30.06	30.03	30.13	30.02
	SD	.236	.254	.250	.219	.167	.116	.095	.096	.148	.179	.245	.244	.208
	TOT OBS	309	282	310	300	310	300	310	310	300	310	300	300	3641
0600	MEAN	30.12	30.09	29.97	29.94	29.93	29.96	30.02	30.02	30.04	30.07	30.03	30.13	30.03
	SD	.236	.253	.254	.221	.170	.118	.097	.099	.148	.182	.245	.245	.208
	TOT OBS	309	282	310	300	310	300	310	310	300	310	300	307	3648
0900	MEAN	30.15	30.12	30.01	29.97	29.96	29.99	30.04	30.04	30.07	30.10	30.07	30.17	30.06
	SD	.239	.253	.259	.224	.173	.120	.099	.102	.150	.184	.249	.244	.211
	TOT OBS	309	282	310	300	310	300	310	310	300	310	299	307	3647
1200	MEAN	30.16	30.12	30.00	29.96	29.94	29.97	30.02	30.03	30.06	30.09	30.05	30.16	30.05
	SD	.238	.250	.257	.223	.169	.118	.097	.101	.150	.182	.252	.249	.211
	TOT OBS	309	282	310	300	309	300	310	310	300	310	300	307	3647
1500	MEAN	30.09	30.06	29.94	29.91	29.90	29.93	29.98	29.98	30.00	30.03	30.00	30.10	29.99
	SD	.234	.246	.250	.215	.163	.114	.094	.099	.147	.177	.251	.247	.205
	TOT OBS	309	282	310	300	310	300	310	310	299	310	300	307	3647
1800	MEAN	30.10	30.06	29.93	29.90	29.87	29.90	29.95	29.95	29.99	30.03	30.01	30.11	29.98
	SD	.228	.242	.241	.210	.159	.113	.092	.098	.147	.173	.244	.242	.206
	TOT OBS	309	282	310	300	310	300	310	309	300	310	300	306	3646
2100	MEAN	30.12	30.09	29.96	29.93	29.91	29.93	29.98	29.99	30.02	30.06	30.03	30.14	30.01
	SD	.229	.246	.240	.207	.157	.113	.094	.096	.146	.173	.243	.241	.204
	TOT OBS	309	282	310	300	310	300	310	310	300	310	300	299	3640
ALL HOURS	MEAN	30.12	30.09	29.97	29.94	29.92	29.95	30.00	30.00	30.03	30.06	30.03	30.14	30.02
	SD	.235	.251	.251	.218	.167	.119	.099	.102	.150	.180	.247	.245	.209
	TOT OBS	2472	2256	2480	2400	2479	2400	2480	2479	2398	2480	2399	2434	29157

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

STATION PRESSURE IN INCHES
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723535

STATION NAME: VANCE AFB OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 82 - DEC 91

HOURLS (LST)	STATS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
0000	MEAN	28.73	28.69	28.58	28.55	28.53	28.56	28.61	28.61	28.64	28.67	28.64	28.74	28.63
	SD	.223	.244	.238	.206	.157	.110	.091	.092	.141	.168	.233	.234	.198
	TOT OBS	308	282	310	300	310	300	310	310	299	310	300	302	3641
0300	MEAN	28.73	28.68	28.57	28.54	28.52	28.55	28.60	28.61	28.63	28.66	28.63	28.74	28.62
	SD	.227	.245	.241	.211	.161	.112	.091	.092	.143	.172	.235	.235	.200
	TOT OBS	309	282	310	300	310	300	310	310	300	310	300	300	3641
0600	MEAN	28.72	28.69	28.58	28.55	28.54	28.57	28.62	28.62	28.65	28.67	28.64	28.73	28.63
	SD	.228	.244	.244	.213	.163	.114	.093	.095	.142	.175	.236	.235	.200
	TOT OBS	309	282	310	300	310	300	310	310	300	310	300	307	3648
0900	MEAN	28.76	28.72	28.61	28.58	28.56	28.59	28.64	28.65	28.68	28.70	28.67	28.77	28.66
	SD	.230	.244	.249	.216	.167	.115	.094	.098	.145	.177	.240	.235	.203
	TOT OBS	309	282	310	300	310	300	310	310	300	310	299	307	3647
1200	MEAN	28.76	28.73	28.61	28.57	28.55	28.58	28.63	28.63	28.66	28.69	28.66	28.76	28.65
	SD	.229	.241	.248	.215	.162	.114	.093	.097	.144	.176	.242	.239	.203
	TOT OBS	309	282	310	300	309	300	310	310	300	310	300	307	3647
1500	MEAN	28.70	28.66	28.55	28.53	28.51	28.54	28.59	28.58	28.61	28.64	28.61	28.71	28.60
	SD	.224	.238	.241	.207	.157	.110	.090	.096	.142	.170	.242	.238	.198
	TOT OBS	309	282	310	300	310	300	310	310	299	310	300	307	3647
1800	MEAN	28.70	28.67	28.54	28.51	28.49	28.51	28.56	28.56	28.59	28.63	28.62	28.72	28.59
	SD	.220	.233	.232	.202	.153	.108	.089	.094	.141	.167	.235	.233	.198
	TOT OBS	309	282	310	300	310	300	310	309	300	310	300	306	3646
2100	MEAN	28.72	28.69	28.57	28.54	28.52	28.54	28.59	28.59	28.63	28.66	28.64	28.74	28.62
	SD	.221	.236	.231	.199	.151	.109	.090	.092	.140	.167	.234	.232	.196
	TOT OBS	309	282	310	300	310	300	310	310	300	310	300	299	3640
ALL HOURS	MEAN	28.73	28.69	28.58	28.54	28.53	28.55	28.60	28.61	28.64	28.67	28.64	28.74	28.63
	SD	.226	.242	.242	.210	.161	.114	.095	.098	.145	.173	.238	.236	.201
	TOT OBS	2471	2256	2480	2400	2479	2400	2480	2479	2398	2480	2399	2435	29157

PPPPPPPP	AAAAAA	RRRRRRRR	TTTTTTTT	GGGGGG
PPPPPPPP	AAAAAAA	RRRRRRRR	TTTTTTTT	GGGGGGGG
PP PP	AA AA	RR RR	TT	GG GG
PP PP	AA AA	RR RR	TT	GG
PPPPPPPP	AA AA	RRRRRRRR	TT	GG
PPPPPPPP	AAAAAAAA	RRRRRRRR	TT	GG GGG
PP	AAAAAAAA	RR RR	TT	GG GGGG
PP	AA AA	RR RR	TT	GG GG
PP	AA AA	RR RR	TT	GGGGGG
PP	AA AA	RR RR	TT	GGGGGG

G - 1 - 1

PART G

CROSSWIND SUMMARY

CROSSWIND SUMMARIES.

THESE TABLES ARE CREATED FROM HOURLY AND SPECIAL OBSERVATIONS (INCLUDING PEAK GUST REMARKS). THE TABLES ARE SUMMARIZED AS FOLLOWS:

- BY EIGHT 3-HOUR STANDARD TIME PERIODS FOR EACH MONTH (ALL YEARS COMBINED).
- BY MONTH (ALL YEARS AND ALL HOURS COMBINED).
- BY MONTH (ALL YEARS AND THE HOURS 0600-2000 LST COMBINED).
- BY YEAR (ALL YEARS AND ALL HOURS COMBINED).
- BY YEAR (ALL YEARS AND THE HOURS 0600-2000 LST COMBINED).

THE TABLES GIVE PERCENT OCCURRENCE FREQUENCY (POF) OF THE "CROSS-RUNWAY WIND COMPONENT" FOR THE WIND SPEED CLASSES SPECIFIED IN THE TABLE HEADINGS. THERE ARE TWO COMPONENT CATEGORIES:

THE FIRST COMPONENT IS COMPUTED FROM THE REPORTED WIND DIRECTION AND WIND SPEED FROM HOURLY RECORD OR RECORD-SPECIAL OBSERVATIONS.

THE SECOND COMPONENT IS COMPUTED FROM THE HIGHEST REPORTED WIND SPEED AND DIRECTION FROM ALL OBSERVATIONS INCLUDING REMARKS, GUSTS, AND SPECIAL OBSERVATIONS.

OBSERVATION COUNTS INCLUDE CALM WINDS.

VARIABLE WINDS ARE CONSIDERED A DIRECT CROSSWIND IF THE SPEED EQUALS OR EXCEEDS THE SPECIFIED THRESHOLD WIND SPEED VALUE(S).

A TOTAL OBSERVATION COUNT IS INCLUDED.

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 170-350

STATION NUMBER: 723535

STATION NAME: VANCE AFB OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: JAN

CATEGORY A: ANY CEILING OR VISIBILITY (HOURLY OBS ONLY)

CATEGORY B: HIGHEST WINDS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS)

TIME (LST)	0000 - 0200				0300 - 0500				0600 - 0800				0900 - 1100			
SPEED (KTS)	GE17	GE25	GE35	OBS	GE17	GE25	GE35	OBS	GE17	GE25	GE35	OBS	GE17	GE25	GE35	OBS
CATEGORY A				927				927	.1			927	.1			927
CATEGORY B	.4			969	.6			989	.4	.1		1005	.7			1008

TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100 - 2300			
SPEED (KTS)	GE17	GE25	GE35	OBS	GE17	GE25	GE35	OBS	GE17	GE25	GE35	OBS	GE17	GE25	GE35	OBS
CATEGORY A	1.2	.1		927	.6	.2		927				927	.1			927
CATEGORY B	2.3	.8	.1	1001	1.7	.4	.2	987	.5			977	.3			981

TIME (LST)	0600 - 2000				ALL HOURS			
SPEED KTS	GE17	GE25	GE35	OBS	GE17	GE25	GE35	OBS
CATEGORY A	.4	.1		4635	.3	.0		7410
CATEGORY B	1.1	.3	.1	4978	.9	.2	.0	7917

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 170-350

STATION NUMBER: 723535 STATION NAME: VANCE AFB OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: FEB

CATEGORY A: ANY CEILING OR VISIBILITY (HOURLY OBS ONLY)

CATEGORY B: HIGHEST WINDS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS)

TIME (LST)	0000 - 0200				0300 - 0500				0600 - 0800				0900 - 1100			
SPEED (KTS)	GE17	GE25	GE35	OBS	GE17	GE25	GE35	OBS	GE17	GE25	GE35	OBS	GE17	GE25	GE35	OBS
CATEGORY A				846	.1			846	.2			846	.4	.1		846
CATEGORY B	.3			930	1.1			930	.7	.2		958	2.0	.3	.1	964

TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100 - 2300			
SPEED (KTS)	GE17	GE25	GE35	OBS	GE17	GE25	GE35	OBS	GE17	GE25	GE35	OBS	GE17	GE25	GE35	OBS
CATEGORY A	.6			846	.2			846				846	.2			846
CATEGORY B	1.8	.2		947	1.9	.1		931	.3			899	.7			894

TIME (LST)	0600 - 2000				ALL HOURS			
SPEED KTS	GE17	GE25	GE35	OBS	GE17	GE25	GE35	OBS
CATEGORY A	.3	.0		4230	.2	.0		6768
CATEGORY B	1.4	.2	.0	4699	1.1	.1	.0	7453

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 170-350

STATION NUMBER: 723535

STATION NAME: VANCE AFB OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: MAR

CATEGORY A: ANY CEILING OR VISIBILITY (HOURLY OBS ONLY)

CATEGORY B: HIGHEST WINDS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS)

TIME (LST)	0000 - 0200				0300 - 0500				0600 - 0800				0900 - 1100			
SPEED (KTS)	GE17	GE25	GE35	OBS	GE17	GE25	GE35	OBS	GE17	GE25	GE35	OBS	GE17	GE25	GE35	OBS
CATEGORY A	.8			930	1.4			930	1.1			930	2.0			930
CATEGORY B	2.1	.1		1013	3.2	.8		1013	3.1	1.0		1024	4.9	1.3		1035

TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100 - 2300			
SPEED (KTS)	GE17	GE25	GE35	OBS	GE17	GE25	GE35	OBS	GE17	GE25	GE35	OBS	GE17	GE25	GE35	OBS
CATEGORY A	2.0	.2		930	1.9	.1		930	.9			930	.8			930
CATEGORY B	5.8	1.5		1022	4.3	1.1	.1	1001	2.2	.6		1005	2.8	.6	.1	1032

TIME (LST)	0600 - 2000				ALL HOURS			
SPEED KTS	GE17	GE25	GE35	OBS	GE17	GE25	GE35	OBS
CATEGORY A	1.6	.1		4650	1.4	.0		7440
CATEGORY B	4.1	1.1	.0	5087	3.5	.9	.0	8145

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 170-350

STATION NUMBER: 723535 STATION NAME: VANCE AFB OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: APR

CATEGORY A: ANY CEILING OR VISIBILITY (HOURLY OBS ONLY)

CATEGORY B: HIGHEST WINDS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS)

TIME (LST)	0000 - 0200				0300 - 0500				0600 - 0800				0900 - 1100			
SPEED (KTS)	GE17	GE25	GE35	OBS	GE17	GE25	GE35	OBS	GE17	GE25	GE35	OBS	GE17	GE25	GE35	OBS
CATEGORY A	.4			900	.3			900	1.0			900	1.2			900
CATEGORY B	2.2	.2		981	1.6	.3		994	2.4	.4		1004	3.8	.8		979

TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100 - 2300			
SPEED (KTS)	GE17	GE25	GE35	OBS	GE17	GE25	GE35	OBS	GE17	GE25	GE35	OBS	GE17	GE25	GE35	OBS
CATEGORY A	1.7	.1		900	1.1	.4		900	.6	.1		900	.9			900
CATEGORY B	5.3	.9	.1	976	2.8	1.0	.3	963	2.7	.3	.1	949	3.0	1.1	.2	961

TIME (LST)	0600 - 2000				ALL HOURS			
SPEED KTS	GE17	GE25	GE35	OBS	GE17	GE25	GE35	OBS
CATEGORY A	1.1	.1		4500	.9	.1		7200
CATEGORY B	3.4	.7	.1	4871	3.0	.6	.1	7807

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 170-350

STATION NUMBER: 723535

STATION NAME: VANCE AFB OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: MAY

CATEGORY A: ANY CLOUDING OR VISIBILITY (HOURLY OBS ONLY)

CATEGORY B: HIGHEST WINDS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS)

TIME (LST)	0000 - 0200				0300 - 0500				0600 - 0800				0900 - 1100			
SPEED (KTS)	GE17	GE25	GE35	OBS	GE17	GE25	GE35	OBS	GE17	GE25	GE35	OBS	GE17	GE25	GE35	OBS
CATEGORY A	.3			930	.1			930	.1			930	.2			930
CATEGORY B	1.7	.6	.1	1014	1.0			1055	.8			1105	2.3	.2		1073

TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100 - 2300			
SPEED (KTS)	GE17	GE25	GE35	OBS	GE17	GE25	GE35	OBS	GE17	GE25	GE35	OBS	GE17	GE25	GE35	OBS
CATEGORY A	.3			930	.1			930	.2			930	.3	.1		930
CATEGORY B	1.7	.2		1030	2.3	.4		1020	1.7	.5		1013	1.3	.3		1004

TIME (LST)	0600 - 2000				ALL HOURS			
SPEED KTS	GE17	GE25	GE35	OBS	GE17	GE25	GE35	OBS
CATEGORY A	.2			4650	.2	.0		7440
CATEGORY B	1.8	.2		5241	1.6	.3	.0	8314

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 170-350

STATION NUMBER: 723535

STATION NAME: VANCE AFB OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: JUN

CATEGORY A: ANY CEILING OR VISIBILITY (HOURLY OBS ONLY)

CATEGORY B: HIGHEST WINDS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS)

TIME (LST)	0000 - 0200				0300 - 0500				0600 - 0800				0900 - 1100			
SPEED (KTS)	GE17	GE25	GE35	OBS	GE17	GE25	GE35	OBS	GE17	GE25	GE35	OBS	GE17	GE25	GE35	OBS
CATEGORY A	.3	.1		900	.2			900				900				900
CATEGORY B	.9	.3	.1	965	1.0	.2	.1	995	.2	.1		1012	1.0	.1		971

TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100 - 2300			
SPEED (KTS)	GE17	GE25	GE35	OBS	GE17	GE25	GE35	OBS	GE17	GE25	GE35	OBS	GE17	GE25	GE35	OBS
CATEGORY A	.2			900	.2			900	.1			900				900
CATEGORY B	1.9	.4		982	1.3	.1		977	.9	.3		958	1.1	.1		945

TIME (LST)	0600 - 2000				ALL HOURS			
SPEED KTS	GE17	GE25	GE35	OBS	GE17	GE25	GE35	OBS
CATEGORY A	.1			4500	.1	.0		7200
CATEGORY B	1.1	.2		4900	1.1	.2	.0	7805

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 170-350

STATION NUMBER: 723535

STATION NAME: VANCE AFB OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: JUL

CATEGORY A: ANY CEILING OR VISIBILITY (HOURLY OBS ONLY)

CATEGORY B: HIGHEST WINDS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS)

TIME (LST)	0000 - 0200				0300 - 0500				0600 - 0800				0900 - 1100			
SPEED (KTS)	GE17	GE25	GE35	OBS	GE17	GE25	GE35	OBS	GE17	GE25	GE35	OBS	GE17	GE25	GE35	OBS
CATEGORY A				930				930				930		.1		930
CATEGORY B	.2			974	.5			989	.2			1008	1.8			1002

TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100 - 2300			
SPEED (KTS)	GE17	GE25	GE35	OBS	GE17	GE25	GE35	OBS	GE17	GE25	GE35	OBS	GE17	GE25	GE35	OBS
CATEGORY A	.1			930				930				930				930
CATEGORY B	1.1			978	1.7	.2		982	.4			963	.4	.1	.1	953

TIME (LST)	0600 - 2000				ALL HOURS			
SPEED KTS	GE17	GE25	GE35	OBS	GE17	GE25	GE35	OBS
CATEGORY A	.0			4650	.0			7440
CATEGORY B	1.1	.0		4933	.8	.0	.0	7849

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 170-350

STATION NUMBER: 723535

STATION NAME: VANCE AFB OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: AUG

CATEGORY A: ANY CEILING OR VISIBILITY (HOURLY OBS ONLY)

CATEGORY B: HIGHEST WINDS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS)

TIME (LST)	0000 - 0200				0300 - 0500				0600 - 0800				0900 - 1100			
SPEED (KTS)	GE17	GE25	GE35	OBS	GE17	GE25	GE35	OBS	GE17	GE25	GE35	OBS	GE17	GE25	GE35	OBS
CATEGORY A				930	.1			930				930	.4			930
CATEGORY B	.2			975	.5	.1		991	.6			1026	1.4	.2		991

TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100 - 2300			
SPEED (KTS)	GE17	GE25	GE35	OBS	GE17	GE25	GE35	OBS	GE17	GE25	GE35	OBS	GE17	GE25	GE35	OBS
CATEGORY A	.1			930	.2	.1		930	.1			929	.2			930
CATEGORY B	1.5	.1		987	2.0	.7	.2	993	1.3	.3		1002	.6	.1		969

TIME (LST)	0600 - 2000				ALL HOURS			
SPEED KTS	GE17	GE25	GE35	OBS	GE17	GE25	GE35	OBS
CATEGORY A	.2	.0		4649	.1	.0		7439
CATEGORY B	1.4	.3	.0	4999	1.0	.2	.0	7934

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 170-350

STATION NUMBER: 723535

STATION NAME: VANCE AFB OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: SEP

CATEGORY A: ANY CEILING OR VISIBILITY (HOURLY OBS ONLY)

CATEGORY B: HIGHEST WINDS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS)

TIME (LST)	0000 - 0200				0300 - 0500				0600 - 0800				0900 - 1100			
SPEED (KTS)	GE17	GE25	GE35	OBS	GE17	GE25	GE35	OBS	GE17	GE25	GE35	OBS	GE17	GE25	GE35	OBS
CATEGORY A	.1			900				900				900				900
CATEGORY B	.5	.3		982	.3			979	.1			1026	.7			983

TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100 - 2300			
SPEED (KTS)	GE17	GE25	GE35	OBS	GE17	GE25	GE35	OBS	GE17	GE25	GE35	OBS	GE17	GE25	GE35	OBS
CATEGORY A	.1			900	.2	.1		900	.1			900				900
CATEGORY B	1.5	.1	.1	970	.9	.1	.1	953	1.1	.2		967	.5	.1	.1	966

TIME (LST)	0600 - 2000				ALL HOURS			
SPEED KTS	GE17	GE25	GE35	OBS	GE17	GE25	GE35	OBS
CATEGORY A	.1	.0		4500	.1	.0		7200
CATEGORY B	.9	.1	.0	4899	.7	.1	.0	7826

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 170-350

STATION NUMBER: 723535

STATION NAME: VANCE AFB OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: OCT

CATEGORY A: ANY CEILING OR VISIBILITY (HOURLY OBS ONLY)

CATEGORY B: HIGHEST WINDS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS)

TIME (LST)	0000 - 0200				0300 - 0500				0600 - 0800				0900 - 1100			
SPEED (KTS)	GE17	GE25	GE35	OBS	GE17	GE25	GE35	OBS	GE17	GE25	GE35	OBS	GE17	GE25	GE35	OBS
CATEGORY A				930				930				930				930
CATEGORY B	.4			998	.3			1006				1025	1.0			1035

TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100 - 2300			
SPEED (KTS)	GE17	GE25	GE35	OBS	GE17	GE25	GE35	OBS	GE17	GE25	GE35	OBS	GE17	GE25	GE35	OBS
CATEGORY A	.6	.2		930	.3			930				930	.1			930
CATEGORY B	1.7	.3	.1	993	2.1	.6	.2	981	.4			996	.6	.1		995

TIME (LST)	0600 - 2000				ALL HOURS			
SPEED KTS	GE17	GE25	GE35	OBS	GE17	GE25	GE35	OBS
CATEGORY A	.2	.0		4650	.1	.0		7440
CATEGORY B	1.0	.2	.1	5030	.8	.1	.0	8029

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 170-350

STATION NUMBER: 723535

STATION NAME: VANCE AFB OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: NOV

CATEGORY A: ANY CEILING OR VISIBILITY (HOURLY OBS ONLY)

CATEGORY B: HIGHEST WINDS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS)

TIME (LST)	0000 - 0200				0300 - 0500				0600 - 0800				0900 - 1100			
SPEED (KTS)	GE17	GE25	GE35	OBS	GE17	GE25	GE35	OBS	GE17	GE25	GE35	OBS	GE17	GE25	GE35	OBS
CATEGORY A	.3			900	.1			900	.2			900	.7			898
CATEGORY B	.5	.1		960	.5			966	.8			1001	3.7	.5	.1	1005

TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100 - 2300			
SPEED (KTS)	GE17	GE25	GE35	OBS	GE17	GE25	GE35	OBS	GE17	GE25	GE35	OBS	GE17	GE25	GE35	OBS
CATEGORY A	.8			900	.6	.2		900	.7			900	.7	.1		900
CATEGORY B	3.5	.4		978	.9	.4	.1	953	1.0	.5		945	1.0	.4	.2	955

TIME (LST)	0600 - 2000				ALL HOURS			
SPEED KTS	GE17	GE25	GE35	OBS	GE17	GE25	GE35	OBS
CATEGORY A	.6	.0		4498	.5	.0		7198
CATEGORY B	2.0	.4	.0	4882	1.5	.3	.1	7763

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 170-350

STATION NUMBER: 723535 STATION NAME: VANCE AFB OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: DEC

CATEGORY A: ANY CEILING OR VISIBILITY (HOURLY OBS ONLY)

CATEGORY B: HIGHEST WINDS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS)

TIME (LST)	0000 - 0200				0300 - 0500				0600 - 0800				0900 - 1100			
SPEED (KTS)	GE17	GE25	GE35	OBS	GE17	GE25	GE35	OBS	GE17	GE25	GE35	OBS	GE17	GE25	GE35	OBS
CATEGORY A	.1			901				900	.2			921	.3			921
CATEGORY B	.8			977	.7			989	.7			1055	1.0	.2		1023

TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100 - 2300			
SPEED (KTS)	GE17	GE25	GE35	OBS	GE17	GE25	GE35	OBS	GE17	GE25	GE35	OBS	GE17	GE25	GE35	OBS
CATEGORY A	.8			921	.4			921				904				897
CATEGORY B	1.3	.3		1039	.7	.1		1002	.2			986	.5			976

TIME (LST)	0600 - 2000				ALL HOURS			
SPEED KTS	GE17	GE25	GE35	OBS	GE17	GE25	GE35	OBS
CATEGORY A	.3			4588	.2			7286
CATEGORY B	.8	.1		5105	.7	.1		8047

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 170-350

STATION NUMBER: 723535

STATION NAME: VANCE AFB OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: ALL

CATEGORY A: ANY CEILING OR VISIBILITY (HOURLY OBS ONLY)

CATEGORY B: HIGHEST WINDS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS)

TIME (LST)	0000 - 0200				0300 - 0500				0600 - 0800				0900 - 1100			
SPEED (KTS)	GE17	GE25	GE35	OBS	GE17	GE25	GE35	OBS	GE17	GE25	GE35	OBS	GE17	GE25	GE35	OBS
CATEGORY A	.2	.0		10924	.2			10923	.2			10944	.5	.0		10942
CATEGORY B	.9	.1	.0	11738	.9	.1	.0	11896	.8	.1		12249	2.0	.3	.0	12069

TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100 - 2300			
SPEED (KTS)	GE17	GE25	GE35	OBS	GE17	GE25	GE35	OBS	GE17	GE25	GE35	OBS	GE17	GE25	GE35	OBS
CATEGORY A	.7	.1		10944	.5	.1		10944	.2	.0		10926	.3	.0		10920
CATEGORY B	2.5	.4	.0	11903	1.9	.4	.1	11743	1.1	.2	.0	11660	1.1	.2	.1	11631

TIME (LST)	0600 - 2000				ALL HOURS			
SPEED KTS	GE17	GE25	GE35	OBS	GE17	GE25	GE35	OBS
CATEGORY A	.4	.0		54700	.4	.0		87467
CATEGORY B	1.7	.3	.0	59624	1.4	.3	.0	94889

PPPPPPPP	AAAAAA	RRRRRRRR	TTTTTTTTTT	HH	HH
PPPPPPPP	AAAAAAA	RRRRRRRR	TTTTTTTTTT	HH	HH
PP PP	AA AA	RR RR	TT	HH	HH
PP PP	AA AA	RR RR	TT	HH	HH
PPPPPPPP	AA AA	RRRRRRRR	TT	HHHHHHHH	HHHHHHHH
PPPPPPPP	AAAAAAAA	RRRRRRRR	TT	HHHHHHHH	HHHHHHHH
PP	AAAAAAAA	RR RR	TT	HH	HH
PP	AA AA	RR RR	TT	HH	HH
PP	AA AA	RR RR	TT	HH	HH
PP	AA AA	RR RR	TT	HH	HH

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PART 8

DEGREE DAY SUMMARIES

DEGREE DAYS.

CREATED FROM HOURLY OBSERVATIONS (MAX+MIN/2 WHEN AVAILABLE), THESE TABLES GIVE THE THE NUMBER OF DEGREE DAYS FOR EACH MONTH IN EACH YEAR OF THE AVAILABLE PERIOD OF RECORD.

INCLUDED BENEATH EACH SUMMARY ARE STATISTICS BASED ON A 30-YEAR (1951-1980) POR (IF AVAILABLE). THE 30-YEAR POR PROVIDES AWS USERS WITH A SUMMARY CONSISTENT WITH OTHER STANDARD CLIMATIC PUBLICATIONS, NOTABLY THOSE OF THE NATIONAL CLIMATIC DATA CENTER (NCDC). NOTE THAT THE 30-YEAR POR WILL CHANGE TO 1961-1990 AS SOON AS DATA FOR DECEMBER 1990 HAS BEEN PROCESSED.

MONTHS WITH NO AVAILABLE DATA AND MONTHS WITH A VALUE OF ZERO APPEAR AS BLANKS IN THESE TABLES. ASTERISKS (****) DENOTE AN INCOMPLETE MONTH WITH A DAY (OR DAYS) THAT CANNOT BE CALCULATED (FILLED IN) AUTOMATICALLY.

HEATING DEGREE DAYS.

ONE "HEATING DEGREE DAY" IS ASSIGNED TO REPRESENT EACH DEGREE THAT THE MEAN TEMPERATURE FALLS BELOW A DESIGNATED "BASE TEMPERATURE" OF 65 DEGREES* FAHRENHEIT. FOR EXAMPLE, IF THE MEAN TEMPERATURE ON A GIVEN DAY IS 57 DEGREES, THAT DAY IS SAID TO HAVE 8 HEATING DEGREE DAYS.

COOLING DEGREE DAYS.

ONE "COOLING DEGREE DAY" IS ASSIGNED TO REPRESENT EACH DEGREE THAT THE TEMPERATURE RISES ABOVE A DESIGNATED "BASE TEMPERATURE" OF 65 DEGREES* FAHRENHEIT. FOR EXAMPLE, IF THE MEAN TEMPERATURE FOR A GIVEN DAY IS 73 DEGREES, THAT DAY IS SAID TO HAVE 8 COOLING DEGREE DAYS.

*65 DEGREES FAHRENHEIT HAS BEEN SELECTED AS THE NATIONWIDE STANDARD "BASE TEMPERATURE" AT WHICH (AT LEAST THEORETICALLY) NO HEATING OR COOLING IS REQUIRED. IF ANOTHER BASE TEMPERATURE IS USED IN THESE TABLES, IT WAS SPECIALLY REQUESTED BY THE STATION, AND IS NOTED.

NOTE 1. THESE SUMMARIES ARE NOT AVAILABLE FOR PART TIME PERIODS.

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

HEATING DEGREE DAYS
FROM HOURLY OBSERVATIONS

BASE TEMPERATURE 65

STATION NUMBER: 723535

STATION NAME: VANCE AFB OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 49 - DEC 91

YEARS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
1949	1167	761	541	223	8				36	173	329	753	3991
1950	908	588	557	263	43	3		8	4	44	575	822	3815
1951	860	660	584	305	33	9			27	202	653	816	4149
1952	707	590	598	276	48				7	187	514	821	3748
1953	692	574	372	303	109		4			109	457	776	3396
1954	884	405	584	98	117	4				160	367	732	3351
1955	798	740	501	100	6	9			7	130	613	853	3757
1956	902	725	484	293	20					52	514	714	3704
1957	1022	567	541	284	61				5	242	571	628	3921
1958	769	832	760	278	18				14	135	402	887	4095
1959	1018	720	491	250	26				22	210	639	652	4028
1975	842	959	667	266	30	1			58	131	474	764	4192
1976	862	433	462	161	105				24	342	687	871	3947
1977	1099	555	399	127						100	444	772	3496
1978	1216	1025	584	186	113	2			3	109	439	822	4499
1979	1270	987	497	298	103	3			3	108	578	693	4540
1980	859	833	595	260	59				22	167	450	697	3942
1981	773	570	433	72	56				11	171	415	766	3267
1982	976	890	510	329	44	7			12	145	487	728	4128
1983	869	677	553	388	98	3			24	115	429	1237	4393
1984	962	499	581	280	47				64	150	468	****	3051
1985	1014	778	367	78	4				60	170	614	968	4053
1986	710	665	389	189	37			1	10	170	644	776	3591

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1987	981	579	506	239	7				6	191	477	834	3820
1988	1045	764	585	278	33				17	237	489	724	4172
1989	754	976	513	224	64				61	131	439	990	4152
1990	604	563	414	204	67				14	195	379	961	3401
1991	1001	484	383	149	34				42	194	676	621	3584
.....													
MEAN	913	692	516	228	49	1	0	0	19	159	507	802	
SD	162.25	171.68	93.39	81.39	35.98	2.71	.76	1.52	20.19	59.89	100.26	129.26	

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OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

COOLING DEGREE DAYS
FROM HOURLY OBSERVATIONS

BASE TEMPERATURE 65

STATION NUMBER: 723535

STATION NAME: VANCE AFB OK
LST TO UTC: + 6

PERIOD OF RECORD: JAN 49 - DEC 91

YEARS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
1949				38	188	439	578	446	166	89	3		1947
1950			5	33	150	389	370	367	194	138			1646
1951				40	121	329	564	638	235	79			2006
1952			4	12	153	589	603	633	310	52	6		2362
1953			12	22	233	646	476	483	390	119			2381
1954		3	6	111	86	468	825	699	464	152			2814
1955			15	107	174	289	554	561	345	45			2090
1956			16	42	281	473	647	654	415	143			2671
1957				20	106	322	637	580	176	46	3		1890
1958				8	213	438	545	509	296	95	7		2111
1959			9	47	215	409	455	583	305	7	5		2035
1975			1	51	102	336	477	527	171	95	2		1762
1976			10	27	47	338	481	520	221	42			1686
1977			5	51	248	485	580	431	372	45	3		2220
1978			2	11	127	360	671	545	421	70	17	2	2226
1979			7	11	81	346	526	469	255	93			1788
1980				14	128	469	734	679	379	68	10		2481
1981		5		136	143	499	642	504	346	56			2331
1982			3	17	89	253	535	643	349	83	3		1975
1983				9	90	290	596	681	375	64	11		2116
1984				12	136	487	590	621	370	90		****	2306
1985			3	73	259	376	582	501	343	22			2159
1986			16	47	10	367	560	360	274	20			1754

1987			51	211	352	462	499	217	8	12	1812	
1988			10	145	359	425	580	283	19		1821	
1989		3	75	176	270	475	423	200	111	5	1738	
1990		8	39	166	579	511	537	346	45	8	2239	
<hr/>												
1991		15	41	249	434	562	516	240	82		2139	
<hr/>												
MEAN		0	5	41	158	406	559	542	302	70	3	0
SD		1.08	5.56	33.20	61.80	98.65	95.28	92.27	84.00	39.77	4.60	.38

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A W S CLIMATIC BRIEF SEP 92	STATION NAME: VANCE AFB OK LATITUDE/LONGITUDE: 36 20 N 097 55 W HOURLY OBS POR: JAN 82 - DEC 91 SUMMARY OF DAY POR: JAN 42-JAN 47, OCT 48-OCT 91 HOURS SUMMARIZED: 0000 - 2300 LST LST TO UTC: +06													FIELD ELEV: 1307 FT STATION MNC: 723535 CALL SIGN: KEND SUPERSEDES: OCT 87	
	MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YOR
	EXTRM MAX TEMP (F)	80	85	93	100	110	110	114	111	107	98	87	83	114	50
	MEAN MAX TEMP (F)	44	50	59	69	78	88	93	92	83	72	58	47	70	50
	MEAN TEMP (F)	35	40	48	59	68	78	83	82	73	62	48	38	60	50
	MEAN MIN TEMP (F)	25	30	37	48	58	67	72	71	63	51	38	29	49	50
	EXTRM MIN TEMP (F)	-8	-4	0	19	31	48	51	51	37	23	10	-9	-9	50
	D/W TEMP GE 100 (F)	0	0	0	#	#	1	6	6	1	0	0	0	14	50
	D/W TEMP GE 90 (F)	0	0	#	1	3	14	22	21	9	1	0	0	71	50
	D/W TEMP LT 33 (F)	24	17	10	1	#	0	0	0	0	1	8	21	82	50
	D/W TEMP LT 10 (F)	2	1	1	0	0	0	0	0	0	0	0	1	5	50
	HEATING DEGREE DAYS	913	692	516	228	49	1	#	#	19	159	507	802	3886	43
	COOLING DEGREE DAYS	0	#	5	41	158	406	559	542	302	70	3	#	2086	43
	MEAN DEWPOINT TEMP (F)	22	26	35	43	55	62	63	63	55	45	34	24	44	10
	MEAN WET BULB TEMP (F)	30	34	42	50	60	67	69	69	62	52	41	31	51	10
	99.95% WCPA (FT)	1800	1900	2000	1950	1800	1600	1500	1500	1650	1700	1900	1800	1800	10
	MEAN REL HUM 07 LST(%)	69.3	71.3	72.3	71.8	76.9	76.2	71.7	71.0	71.1	72.1	70.9	70.9	72.1	10
	MEAN REL HUM 13 LST(%)	50.5	53.9	51.2	50.2	54.3	50.1	45.0	45.5	47.0	50.3	52.0	55.3	50.4	10
	MAX 24HR PRECIP (IN)	1.90	2.48	2.09	7.01	6.79	4.27	5.82	2.87	4.60	9.30	3.26	1.92	9.30	50
	MAX PRECIP (IN)	5.25	4.09	8.61	9.24	15.95	7.81	12.12	6.76	7.79	11.62	4.72	3.14	49.05	50
	MEAN PRECIP (IN)	.89	1.22	2.04	2.82	4.47	3.38	2.60	2.59	2.94	2.50	1.50	.93	27.60	50
	MIN PRECIP (IN)	.00	.03	#	.17	.11	.08	.04	.04	.33	#	#	#	6.43	50
	D/W PRECIP GE .01 (IN)	5	5	6	7	9	8	6	6	6	5	4	5	72	50
	D/W PRECIP GT .50 (IN)	1	1	1	2	3	2	2	2	2	2	1	1	20	50
	MAX 24HR SNFL (IN)	9.0	9.6	6.0	4.0	0	0	0	0	#	1.0	3.7	7.0	9.6	46
	MAX SNFL (IN)	17.4	13.7	13.1	4.0	0	0	0	0	#	1.0	5.6	9.1	29.6	46
	MEAN SNFL (IN)	3.0	3.4	1.8	.2	0	0	0	0	#	#	.8	2.0	11.3	46
	D/W SNFL GE .1 (IN)	2	2	1	#	0	0	0	0	0	#	1	1	7	46
	D/W SNFL GE 1.5 (IN)	1	1	1	#	0	0	0	0	0	0	1	1	5	46
	MAX DLY SNO DEPTH (IN)	12	10	5	1	0	0	0	0	0	#	4	7	12	46
	PRVING WND DIR (DEG)	35-01	35-01	17-19	17-19	17-19	17-19	17-19	17-19	17-19	17-19	17-19	35-01	17-19	10
	MEAN WND SPD (KTS)	9	9	10	9	8	7	7	7	8	8	9	8	8	10
	MAX WND SPD (KTS)	53	56	53	75	70	78	75	70	63	72	57	58	78	41
	SKY COVER GT 5/10 (%)	39.6	49.7	51.4	47.9	50.4	45.9	32.3	34.4	39.5	39.1	44.1	47.7	43.4	10
	D/W THUNDERSTORMS	1	1	2	4	7	8	6	6	4	3	1	1	44	50
	D/W FOG (VSBY LT 7 MI)	9	10	10	7	9	5	4	5	7	7	7	8	88	50
LEGEND: ANN = ANNUAL D/W = MEAN NUMBER OF DAYS WITH # = BASED ON LESS THAN FULL MONTHS ** = INSTANTANEOUS PEAK WINDS * = DATA NOT AVAILABLE POR/YOR = PERIOD/YEARS OF RECORD WCPA = WORST CASE MAXIMUM PRESSURE ALTITUDE # = LESS THAN 0.5 DAYS OR TRACE AS APPLICABLE \$ = PERCENTAGE OF CALM WINDS GREATER THAN OR EQUAL TO MEAN WIND DIRECTION															

PERCENT OCCURRENCE FREQUENCY OF CEILING AND VISIBILITY															
MONTH		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YOR
CIG LT 3000 FT AND/OR VSBY LT 3 MI	LST														
	00 - 02	16.3	23.2	18.5	10.8	12.5	4.9	1.3	2.3	7.4	14.9	19.4	21.9	12.8	10
	03 - 05	19.0	26.7	21.2	14.8	18.2	8.2	2.7	4.4	10.7	16.5	20.9	26.7	15.8	10
	06 - 08	21.3	29.8	26.0	21.3	23.8	12.8	4.5	8.0	14.0	19.4	24.3	26.0	19.3	10
	09 - 11	21.3	29.2	26.9	21.3	23.7	11.4	6.5	6.9	14.3	20.5	23.6	25.6	19.3	10
	12 - 14	18.6	26.7	23.9	18.0	16.3	6.3	3.2	4.7	10.2	19.8	24.8	23.3	16.3	10
	15 - 17	15.9	23.5	22.7	12.7	8.6	3.3	1.3	3.3	6.3	14.7	21.7	21.3	12.9	10
	18 - 20	16.2	20.7	18.8	8.8	8.7	3.1	.9	2.4	6.7	13.5	19.4	20.2	11.6	10
	21 - 23	16.5	21.3	17.4	8.6	11.2	4.1	.4	2.4	6.9	13.9	19.0	19.5	11.8	10
	ALL	18.1	25.1	21.9	14.5	15.4	6.8	2.6	4.3	9.6	16.7	21.6	23.1	14.9	10
CIG LT 1500 FT AND/OR VSBY LT 3 MI	00 - 02	11.7	17.8	12.9	7.6	7.7	3.0	.5	1.5	5.1	10.0	15.8	16.6	9.2	10
	03 - 05	14.3	21.3	14.4	9.1	12.9	4.9	1.6	3.9	8.9	12.7	16.9	21.4	11.9	10
	06 - 08	16.9	24.1	19.7	13.6	16.6	9.8	3.2	6.9	11.0	14.6	19.2	23.0	14.9	10
	09 - 11	18.3	24.0	20.4	13.4	12.8	6.3	2.5	5.3	9.7	15.7	18.3	23.0	14.1	10
	12 - 14	14.9	21.0	14.4	9.3	6.0	2.4	.2	2.7	5.4	12.0	16.2	19.7	10.3	10
	15 - 17	11.2	17.3	11.5	5.9	3.5	2.0	.2	1.5	3.9	8.5	13.6	17.7	8.1	10
	18 - 20	11.5	14.3	12.0	4.8	5.4	1.7	.5	1.5	5.2	8.1	12.2	15.5	7.7	10
	21 - 23	12.0	14.5	11.7	5.8	6.8	2.1	.0	1.6	5.2	9.7	13.2	16.5	8.3	10
	ALL	13.9	19.3	14.6	8.7	9.0	4.0	1.1	3.1	6.8	11.4	15.7	19.2	10.5	10
CIG LT 1000 FT AND/OR VSBY LT 2 MI	00 - 02	10.0	13.5	9.0	5.6	6.0	2.6	.3	1.1	3.8	8.4	12.2	12.5	7.1	10
	03 - 05	11.2	17.7	11.2	7.1	9.5	4.3	.9	2.5	6.4	10.2	13.0	15.6	9.1	10
	06 - 08	12.4	19.7	15.1	9.9	11.8	7.3	2.0	5.2	7.7	12.0	14.8	18.0	11.3	10
	09 - 11	12.7	19.6	14.4	9.7	7.2	3.9	1.9	3.7	6.7	12.2	12.8	19.5	10.4	10
	12 - 14	10.9	17.1	9.8	5.1	3.5	1.1	.0	1.4	3.3	8.3	12.0	16.2	7.4	10
	15 - 17	8.1	13.0	8.0	3.8	2.2	1.2	.0	.6	2.6	5.7	9.1	13.0	5.6	10
	18 - 20	7.1	11.2	8.0	3.7	1.8	1.3	.3	.9	3.8	6.2	10.1	11.5	5.5	10
	21 - 23	9.1	11.9	8.5	4.2	3.3	2.0	.0	1.2	3.2	8.5	9.7	12.6	6.2	10
	ALL	10.2	15.5	10.5	6.1	5.7	3.0	.7	2.1	4.7	8.9	11.7	14.9	7.8	10
CIG LT 200 FT AND/OR VSBY LT 1/2 MI	00 - 02	2.3	2.8	.6	1.1	.8	.1	.0	.0	.0	2.6	1.8	3.8	1.3	10
	03 - 05	2.7	5.0	1.5	1.1	1.5	.8	.0	.0	.8	2.7	2.4	4.0	1.9	10
	06 - 08	2.4	7.2	2.7	2.3	1.4	.9	.3	.6	1.6	2.6	1.8	5.4	2.4	10
	09 - 11	1.2	5.1	2.0	.7	.2	.1	.1	.0	.4	.8	.9	4.0	1.3	10
	12 - 14	.8	.9	.4	.1	.1	.1	.0	.0	.0	.0	.2	2.1	.4	10
	15 - 17	1.2	.5	.4	.0	.0	.0	.0	.0	.0	.0	.3	2.1	.4	10
	18 - 20	1.3	.7	.1	.1	.1	.0	.0	.0	.0	.4	.8	2.0	.5	10
	21 - 23	2.4	2.4	.2	.4	.5	.1	.0	.0	.0	1.5	1.7	3.1	1.0	10
	ALL	1.8	3.1	1.0	.7	.6	.3	.1	.1	.3	1.3	1.2	3.3	1.1	10

HURRICANES/TROPICAL STORMS OBSERVED FOR THE PERIOD : 1900 - 1986

HR/TS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
60NM	0/0	0/0	0/0	0/0	0/0	0/0	0/0	0/1	0/0	0/0	0/0	0/0	0/1
120NM	0/0	0/0	0/0	0/0	0/0	0/0	0/0	0/1	0/0	0/0	0/0	0/0	0/1
240NM	0/0	0/0	0/0	0/0	0/0	0/2	0/0	0/3	0/3	0/0	0/0	0/0	0/8

REMARKS : @

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